



# Queensland Regional Profiles

Workforce Profile - people who work in the region

## Townsville and NW QLD region

Compared with Queensland

1 December 2016

**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 and 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 and NW QLD region has a total 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 rainfall of 561 mm each year.

Data for Townsville and NW QLD region are based on Australian Bureau of Statistics (ABS), Australian Statistical Geography Standard (ASGS), July 2014. In some cases these data have been concorded from other geographical boundaries.

Queensland has a total 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 rainfall of 636 mm each year.

Data for Queensland are based on Australian Bureau of Statistics (ABS), Australian Statistical Geography Standard (ASGS), July 2011.

Abbreviations and explanatory notes are provided at the rear of this profile.

# Economy

## Age by hours worked

Age by hours worked has been derived from the Working Population Profile from the 2011 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.

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

# 73.1%

### Townsville and NW QLD region

- 56.2% of workers aged 15-24 years worked full-time
- 73.1% of workers aged 25-54 years worked full-time
- 65.7% of workers aged 55 years and over worked full-time

### Queensland

- 47.9% of workers aged 15-24 years worked full-time
- 69.6% of workers aged 25-54 years worked full-time
- 60.4% of workers aged 55 years and over worked full-time

**Table 1 Age by hours worked, Townsville and NW QLD region and Queensland, 2011**

Age / hours worked	Townsville and NW QLD region		Queensland	
	number	%	number	%
<b>15-24 years</b>				
0 hours <sup>(a)</sup>	1,036	5.4	18,141	5.6
1-24 hours	5,723	30.1	118,484	36.3
25-34 hours	1,583	8.3	33,491	10.3
35-40 hours	6,412	33.7	104,038	31.9
41-48 hours	1,932	10.2	25,541	7.8
49 hours or more	2,347	12.3	26,632	8.2
<b>Total</b>	<b>19,033</b>	<b>100.0</b>	<b>326,327</b>	<b>100.0</b>
<b>25-54 years</b>				
0 hours <sup>(a)</sup>	3,815	5.5	66,706	5.0
1-24 hours	8,326	11.9	194,911	14.7
25-34 hours	6,643	9.5	141,056	10.7
35-40 hours	24,940	35.8	490,971	37.1
41-48 hours	9,143	13.1	155,253	11.7
49 hours or more	16,837	24.2	275,539	20.8
<b>Total</b>	<b>69,704</b>	<b>100.0</b>	<b>1,324,436</b>	<b>100.0</b>
<b>55 years or over</b>				
0 hours <sup>(a)</sup>	1,120	6.4	20,658	6.1
1-24 hours	3,025	17.3	71,785	21.1
25-34 hours	1,856	10.6	42,533	12.5
35-40 hours	5,693	32.5	108,058	31.7
41-48 hours	1,803	10.3	31,179	9.1
49 hours or more	4,021	23.0	66,777	19.6
<b>Total</b>	<b>17,518</b>	<b>100.0</b>	<b>340,990</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, 2011, Working Population Profile - W03 (place of work)

## Total personal income

Total personal income has been derived from the 2011 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 and NW QLD region was

**\$48,922 per year**

### Townsville and NW QLD region

- Median total personal income of \$48,922 per year
- Within the region, Burke (S) LGA had the highest median total personal income with \$87,237 per year
- Within the region, Palm Island (S) LGA had the lowest median total personal income with \$32,640 per year

### Queensland

- Median total personal income of \$45,711 per year

**Table 2 Total personal income by LGA, Townsville and NW QLD region and Queensland, 2011**

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 and NW QLD region</b>	<b>14,814</b>	<b>13.9</b>	<b>41,671</b>	<b>39.2</b>	<b>38,697</b>	<b>36.4</b>	<b>9,563</b>	<b>9.0</b>	<b>106,233</b>	<b>48,922</b>
Boulia (S)	30	11.2	149	55.8	63	23.6	18	6.7	267	39,298
Burdekin (S)	1,241	17.5	3,407	48.0	2,047	28.9	253	3.6	7,093	40,443
Burke (S)	35	4.3	157	19.3	333	40.9	279	34.3	814	87,237
Carpentaria (S)	106	12.7	365	43.9	274	32.9	66	7.9	832	44,652
Charters Towers (R)	820	19.2	1,730	40.5	1,325	31.0	288	6.7	4,271	41,860
Cloncurry (S)	155	5.8	560	20.9	1,112	41.4	807	30.1	2,684	79,827
Doomadgee (S)	55	21.1	145	55.6	47	18.0	11	4.2	261	34,100
Flinders (S)	151	17.4	367	42.3	250	28.8	51	5.9	867	40,444
Hinchinbrook (S)	866	19.2	2,223	49.4	1,163	25.8	151	3.4	4,503	38,471
McKinlay (S)	70	5.7	309	25.1	409	33.3	428	34.8	1,229	81,776
Mornington (S)	78	26.2	120	40.3	79	26.5	21	7.0	298	39,940
Mount Isa (C)	875	8.4	2,713	26.2	4,282	41.3	2,299	22.2	10,365	68,537
Palm Island (S)	194	30.3	303	47.3	125	19.5	15	2.3	640	32,640
Richmond (S)	79	20.2	191	48.8	82	21.0	28	7.2	391	37,173
Townsville (C)	10,059	14.0	28,932	40.3	27,106	37.8	4,848	6.8	71,718	48,369
<b>Queensland</b>	<b>314,328</b>	<b>15.8</b>	<b>828,185</b>	<b>41.6</b>	<b>644,376</b>	<b>32.4</b>	<b>176,758</b>	<b>8.9</b>	<b>1,991,753</b>	<b>45,711</b>

Refer to explanatory notes for additional information.

(a) Includes personal income not stated.

Source: ABS, Census of Population and Housing, 2011, Working Population Profile - W06 (place of work) and Queensland Treasury estimates

## Industry

Industry has been derived from the Working Population Profile from the 2011 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.

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

1. **Preschool and school education (6.1%)**
2. **Public administration (5.2%)**
3. **Other store based retailing (5.2%)**
4. **Metal ore mining (5.1%)**
5. **Hospitals (4.9%)**

### Townsville and NW QLD region

- 12.4% of workers were employed in the Health care and social assistance industry
- 10.8% of workers were employed in the Public administration and safety industry
- Highest specialisation ratio of 2.46 in Mining industry

### Queensland

- 12.1% of workers were employed in the Health care and social assistance industry
- 10.8% of workers were employed in the Retail trade industry

**Table 3 Industry, Townsville and NW QLD region and Queensland, 2011**

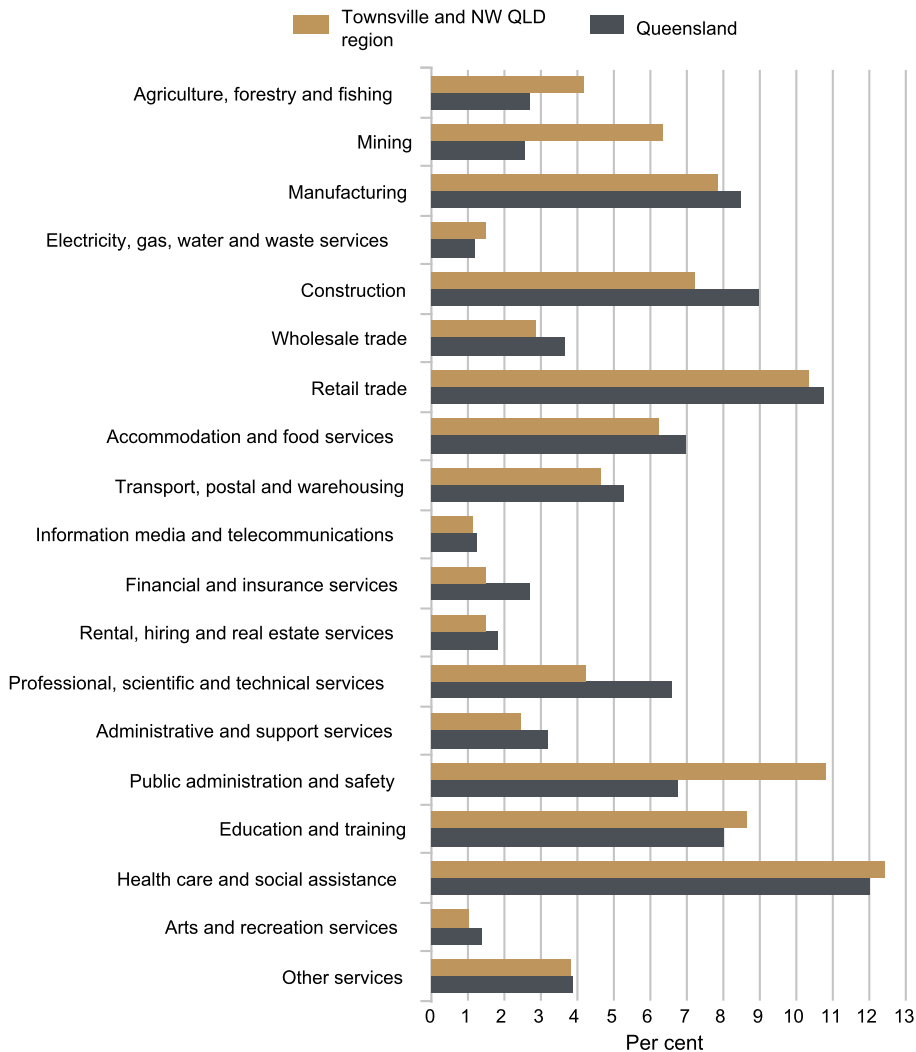
Industry	Townsville and NW QLD region		Queensland		Specialisation ratio
	number	%	number	%	
Agriculture, forestry and fishing	4,438	4.2	54,563	2.7	1.53
Mining	6,790	6.4	51,655	2.6	2.46
Manufacturing	8,335	7.8	169,024	8.5	0.92
Electricity, gas, water and waste services	1,624	1.5	24,763	1.2	1.23
Construction	7,675	7.2	179,946	9.0	0.80
Wholesale trade	3,050	2.9	73,379	3.7	0.78
Retail trade	11,055	10.4	214,617	10.8	0.97
Accommodation and food services	6,636	6.2	140,034	7.0	0.89
Transport, postal and warehousing	4,965	4.7	104,923	5.3	0.89
Information media and telecommunications	1,237	1.2	25,282	1.3	0.92
Financial and insurance services	1,636	1.5	53,835	2.7	0.57
Rental, hiring and real estate services	1,601	1.5	36,875	1.9	0.81
Professional, scientific and technical services	4,511	4.2	131,921	6.6	0.64
Administrative and support services	2,628	2.5	64,186	3.2	0.77
Public administration and safety	11,520	10.8	135,589	6.8	1.59
Education and training	9,238	8.7	160,243	8.0	1.08
Health care and social assistance	13,209	12.4	240,017	12.1	1.03
Arts and recreation services	1,111	1.0	28,421	1.4	0.73
Other services	4,105	3.9	78,156	3.9	0.98
<b>Total<sup>(a)</sup></b>	<b>106,224</b>	<b>100.0</b>	<b>1,991,753</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, 2011, Working Population Profile - W09 (place of work)

**Figure 1 Percentage of workers by industry<sup>(a)</sup>, Townsville and NW QLD region and Queensland, 2011**



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

Source: ABS, Census of Population and Housing, 2011, Working Population Profile - W09 (place of work)

## Industry by hours worked

Industry has been derived from the Working Population Profile from the 2011 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.

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

# Mining (87.9%)

### Townsville and NW QLD region

- Mining industry had the highest percentage of full-time workers (87.9%), followed by Manufacturing (85.6%)
- Accommodation and food services industry had the highest percentage of part-time workers (53.0%), followed by Retail trade (45.8%)

### Queensland

- Mining industry had the highest percentage of full-time workers (86.9%), followed by Electricity, gas, water and waste services (84.0%)
- Accommodation and food services industry had the highest percentage of part-time workers (54.6%), followed by Retail trade (47.1%)

**Table 4 Industry by hours worked, Townsville and NW QLD region and Queensland, 2011**

Industry	Townsville and 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	3,546	79.9	676	15.2	4,436	39,461	72.3	12,085	22.1	54,563
Mining	5,968	87.9	272	4.0	6,789	44,906	86.9	2,830	5.5	51,656
Manufacturing	7,129	85.6	840	10.1	8,333	136,731	80.9	25,118	14.9	169,024
Electricity, gas, water and waste services	1,357	83.7	164	10.1	1,622	20,804	84.0	2,653	10.7	24,764
Construction	6,226	81.0	1,099	14.3	7,684	138,678	77.1	32,230	17.9	179,948
Wholesale trade	2,471	81.0	450	14.8	3,049	57,664	78.6	13,066	17.8	73,379
Retail trade	5,454	49.3	5,068	45.8	11,056	103,241	48.1	101,145	47.1	214,617
Accommodation and food services	2,761	41.7	3,515	53.0	6,628	56,400	40.3	76,509	54.6	140,035
Transport, postal and warehousing	3,823	77.0	859	17.3	4,967	77,099	73.5	21,265	20.3	104,924
Information media and telecommunications	882	70.9	286	23.0	1,244	17,853	70.6	6,264	24.8	25,281
Financial and insurance services	1,180	72.1	376	23.0	1,637	39,772	73.9	11,376	21.1	53,834
Rental, hiring and real estate services	1,168	73.1	363	22.7	1,598	25,719	69.7	9,792	26.6	36,875
Professional, scientific and technical services	3,316	73.6	1,025	22.8	4,503	94,871	71.9	32,182	24.4	131,922
Administrative and support services	1,620	61.8	842	32.1	2,621	35,216	54.9	25,756	40.1	64,187
Public administration and safety	9,336	81.0	1,336	11.6	11,527	104,645	77.2	21,182	15.6	135,587
Education and training	5,100	55.2	3,721	40.3	9,234	84,116	52.5	68,074	42.5	160,240
Health care and social assistance	7,791	59.0	4,484	33.9	13,216	127,770	53.2	96,575	40.2	240,018
Arts and recreation services	604	54.4	451	40.6	1,111	14,245	50.1	12,690	44.7	28,418
Other services	2,840	69.2	1,091	26.6	4,102	50,383	64.5	24,382	31.2	78,158
<b>Total<sup>(b)</sup></b>	<b>73,119</b>	<b>68.8</b>	<b>27,145</b>	<b>25.6</b>	<b>106,225</b>	<b>1,283,990</b>	<b>64.5</b>	<b>602,260</b>	<b>30.2</b>	<b>1,991,753</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, 2011, Working Population Profile - W11 (place of work)



## Industry by occupation

Industry by occupation has been derived from the Working Population Profile from the 2011 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.

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

**Manufacturing**  
**(14.9%)**

### Townsville and NW QLD region

- The percentage of workers employed in blue collar occupations was highest in the Manufacturing industry (14.9%), followed by the Construction industry (14.0%)
- The percentage of workers employed in white collar occupations was highest in the Health care and social assistance industry (17.7%), followed by the Retail trade industry (13.3%)

### Queensland

- The percentage of workers employed in blue collar occupations was highest in the Construction industry (19.9%), followed by the Manufacturing industry (16.1%)
- The percentage of workers employed in white collar occupations was highest in the Health care and social assistance industry (16.4%), followed by the Retail trade industry (13.3%)

**Table 5 Industry by occupation, Townsville and NW QLD region and Queensland, 2011**

Industry	Townsville and 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	1,701	4.5	2,717	4.0	4,431	20,544	3.1	33,662	2.6	54,563
Mining	4,927	13.0	1,763	2.6	6,780	33,617	5.2	17,321	1.3	51,657
Manufacturing	5,642	14.9	2,607	3.9	8,342	105,386	16.1	61,604	4.7	169,024
Electricity, gas, water and waste services	778	2.1	815	1.2	1,621	12,184	1.9	12,177	0.9	24,763
Construction	5,289	14.0	2,358	3.5	7,683	129,571	19.9	48,977	3.7	179,947
Wholesale trade	1,192	3.2	1,833	2.7	3,051	24,421	3.7	48,212	3.7	73,378
Retail trade	2,095	5.5	8,920	13.3	11,053	38,944	6.0	174,680	13.3	214,617
Accommodation and food services	2,573	6.8	4,035	6.0	6,637	52,096	8.0	87,045	6.6	140,035
Transport, postal and warehousing	2,931	7.7	1,976	2.9	4,964	55,589	8.5	48,098	3.7	104,923
Information media and telecommunications	297	0.8	921	1.4	1,235	5,641	0.9	19,302	1.5	25,281
Financial and insurance services	41	0.1	1,576	2.3	1,643	1,203	0.2	51,683	3.9	53,834
Rental, hiring and real estate services	294	0.8	1,293	1.9	1,605	4,866	0.7	31,493	2.4	36,876
Professional, scientific and technical services	940	2.5	3,533	5.3	4,514	17,746	2.7	112,469	8.5	131,922
Administrative and support services	1,417	3.7	1,185	1.8	2,630	32,400	5.0	31,171	2.4	64,187
Public administration and safety	2,433	6.4	8,760	13.0	11,516	22,602	3.5	109,298	8.3	135,587
Education and training	872	2.3	8,326	12.4	9,239	12,532	1.9	146,755	11.1	160,242
Health care and social assistance	1,182	3.1	11,902	17.7	13,215	21,750	3.3	216,110	16.4	240,018
Arts and recreation services	260	0.7	838	1.2	1,114	6,417	1.0	21,673	1.6	28,419
Other services	2,569	6.8	1,490	2.2	4,100	45,551	7.0	31,998	2.4	78,158
<b>Total<sup>(b)</sup></b>	<b>37,824</b>	<b>100.0</b>	<b>67,262</b>	<b>100.0</b>	<b>106,242</b>	<b>652,732</b>	<b>100.0</b>	<b>1,316,488</b>	<b>100.0</b>	<b>1,991,753</b>

Refer to explanatory notes for additional information.

(a) Includes inadequately described and not stated responses.

(b) Includes inadequately described and not stated responses.

Source: ABS, Census of Population and Housing, 2011, Working Population Profile - W12 (place of work)

## Occupation

Occupation has been derived from the Working Population Profile from the 2011 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.

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

1. Sales assistants and sales persons (6.1%)
2. Automotive and engineering trades workers (5.4%)
3. Health professionals (4.9%)
4. Specialist managers (4.4%)
5. Education professionals (4.4%)

### Townsville and NW QLD region

- 17.2% of workers were employed as Professionals
- 16.2% of workers were employed as Technicians and trades workers
- Highest specialisation ratio of 1.28 in Machinery operators and drivers occupation

### Queensland

- 19.2% of workers were employed as Professionals
- 15.0% of workers were employed as Technicians and trades workers

**Table 6 Occupation, Townsville and NW QLD region and Queensland, 2011**

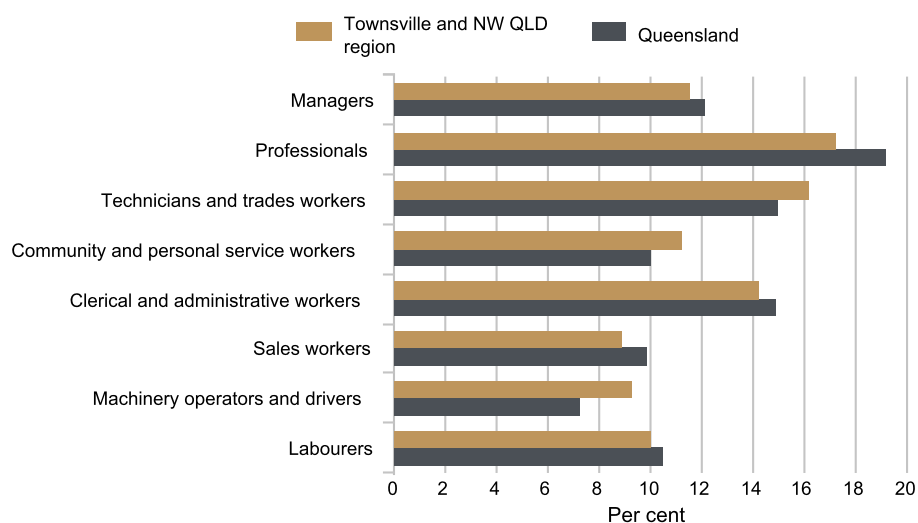
Occupation	Townsville and NW QLD region		Queensland		Specialisation ratio
	number	%	number	%	
Managers	12,337	11.6	241,978	12.1	0.96
Professionals	18,315	17.2	381,984	19.2	0.90
Technicians and trades workers	17,208	16.2	297,821	15.0	1.08
Community and personal service workers	11,955	11.3	199,648	10.0	1.12
Clerical and administrative workers	15,168	14.3	296,176	14.9	0.96
Sales workers	9,486	8.9	196,708	9.9	0.90
Machinery operators and drivers	9,920	9.3	145,598	7.3	1.28
Labourers	10,685	10.1	209,314	10.5	0.96
<b>Total<sup>(a)</sup></b>	<b>106,236</b>	<b>100.0</b>	<b>1,991,753</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, 2011, Working Population Profile - W13 (place of work)

**Figure 2 Percentage of workers by occupation<sup>(a)</sup>, Townsville and NW QLD region and Queensland, 2011**



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

Source: ABS, Census of Population and Housing, 2011, 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 2011 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.

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

**\$31,200–\$41,599 per year (15.6%)**

### Townsville and NW QLD region

- The highest total personal income range for persons employed in blue collar occupations was \$31,200–\$41,599 per year (15.6%)
- The highest total personal income range for persons employed in white collar occupations was \$31,200–\$41,599 per year (14.6%)

### Queensland

- The highest total personal income range for persons employed in blue collar occupations was \$31,200–\$41,599 per year (18.7%)
- The highest total personal income range for persons employed in white collar occupations was \$31,200–\$41,599 per year (14.5%)

**Table 7 Occupation by total personal income, Townsville and NW QLD region and Queensland, 2011**

Total personal income (yearly)	Townsville and 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	291	0.8	618	0.9	935	6,401	1.0	13,901	1.1	20,858
\$1–\$10,399	1,450	3.8	3,711	5.5	5,182	28,901	4.4	73,667	5.6	103,318
\$10,400–\$15,599	1,247	3.3	2,374	3.5	3,648	26,532	4.1	53,835	4.1	81,066
\$16,000–\$20,799	1,824	4.8	3,218	4.8	5,072	38,681	5.9	69,539	5.3	109,081
\$20,800–\$31,199	4,155	11.0	7,686	11.4	11,924	86,285	13.2	158,249	12.0	246,569
\$31,200–\$41,599	5,907	15.6	9,808	14.6	15,854	121,917	18.7	190,981	14.5	315,872
\$41,600–\$51,599	5,062	13.4	8,649	12.9	13,896	98,718	15.1	163,967	12.5	265,749
\$52,000–\$64,999	5,260	13.9	9,736	14.5	15,204	84,857	13.0	169,324	12.9	257,375
\$65,400–\$77,999	3,803	10.1	6,900	10.3	10,826	53,178	8.1	125,610	9.5	181,153
\$78,000–\$103,999	4,659	12.3	7,843	11.7	12,654	54,333	8.3	148,904	11.3	205,849
\$104,000 or more	3,551	9.4	5,891	8.8	9,560	41,174	6.3	133,207	10.1	176,757
<b>Total<sup>(b)</sup></b>	<b>37,832</b>	<b>100.0</b>	<b>67,258</b>	<b>100.0</b>	<b>106,246</b>	<b>652,733</b>	<b>100.0</b>	<b>1,316,488</b>	<b>100.0</b>	<b>1,991,753</b>

Refer to explanatory notes for additional information.

(a) Includes inadequately described and not stated responses.

(b) Includes inadequately described and not stated responses.

Source: ABS, Census of Population and Housing, 2011, 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 2011 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.

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

# 1.6%

### Townsville and NW QLD region

- The percentage of workers with only one method of travel who travelled by train, bus or ferry was 1.6%
- The percentage of workers with only one method of travel who travelled by car was 71.0%
- The percentage of workers with only one method of travel who travelled by bicycle or walked only was 6.8%

### Queensland

- The percentage of workers with only one method of travel who travelled by train, bus or ferry was 5.5%
- The percentage of workers with only one method of travel who travelled by car was 67.8%
- The percentage of workers with only one method of travel who travelled by bicycle or walked only was 4.8%

**Table 8 Method of travel to work, Townsville and NW QLD region and Queensland, 2011**

Method of Travel to Work	Townsville and NW QLD region		Queensland	
	number	%	number	%
One method:				
Train	18	0.0	42,044	2.1
Bus	1,599	1.5	65,159	3.3
Ferry	59	0.1	2,789	0.1
Taxi	288	0.3	4,177	0.2
Car	75,467	71.0	1,350,794	67.8
Truck	1,232	1.2	24,961	1.3
Motorbike scooter	1,535	1.4	18,786	0.9
Bicycle	1,838	1.7	21,197	1.1
Other <sup>(a)</sup>	1,324	1.2	13,214	0.7
Walked only	5,334	5.0	74,000	3.7
<i>Total one method</i>	<i>88,694</i>	<i>83.5</i>	<i>1,617,121</i>	<i>81.2</i>
Two methods:				
Train and:				
Bus	6	0.0	7,127	0.4
Ferry	0	0.0	56	0.0
Car	6	0.0	15,712	0.8
Other <sup>(a)</sup>	3	0.0	1,156	0.1
<i>Total</i>	<i>15</i>	<i>0.0</i>	<i>24,051</i>	<i>1.2</i>
Bus and:				
Ferry	16	0.0	561	0.0
Car	130	0.1	8,782	0.4
Other <sup>(a)</sup>	89	0.1	1,035	0.1
<i>Total</i>	<i>235</i>	<i>0.2</i>	<i>10,378</i>	<i>0.5</i>
Other two methods	952	0.9	13,565	0.7
<i>Total two methods</i>	<i>1,202</i>	<i>1.1</i>	<i>47,994</i>	<i>2.4</i>
Three methods	226	0.2	5,734	0.3
Worked at home/Did not go to work	15,224	14.3	301,534	15.1
<b>Total<sup>(b)</sup></b>	<b>106,227</b>	<b>100.0</b>	<b>1,991,750</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, 2011, Working Population Profile - W22 (place of work)

## Abbreviations

..	not applicable
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

## 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 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.

#### Cell confidentialisation

This profile utilises two types of data confidentialisation.

1. Source data confidentialisation - This refers to datasets that have been confidentialised by the data custodians. For example census data supplied by the ABS have small cell counts of 1 or 2 confidentialised to 0 or 3 and a small random adjustment made to all data to avoid any risk of releasing identifiable information. Caution should therefore be used when interpreting data where the cell count is small.
2. Concordance confidentialisation - This refers to datasets that have been concorded to a new geography and the resulting cell count is small. No reliance should be placed on these cell counts and as such have been confidentialised. Tables utilising this type of confidentialisation will report the cell as less than a specific value (for example <5).

#### Census 2011 data

Census data have 'introduced random error' to ensure no data are released which could risk identifying individuals. As such, cells containing very small counts should be treated with extreme caution.

#### Census undercount

Due to the size and complexity of the Census of Population and Housing, whenever a Census is conducted it is inevitable that some people will be missed and some will be counted more than once. After each Census, the Australian Bureau of Statistics conduct a Post Enumeration Survey to estimate the number of people who should have been counted in the Census and the actual Census counts. It is important to note, that all Census data reported in this profile do not have any adjustments made for Census undercount and readers should keep this in mind when making inferences from the data.



### **Concordances and concorded data**

A concordance, in statistical terms, is a product that allows a user to convert data from one geographical region (under which data have been collected) to a new geographical region. In order to convert data from one geographical boundary to another, each region in the new boundary is assigned percentages of data from the old regions. These percentages in the concordance can be constructed using any number of variables. This profile utilises a population based concordance (estimated resident population) at a specific point in time (2011). This type of concordance is useful when concording demographic based datasets such as labour force and family composition on a usual resident basis with time periods at or around 2011. It does not work as well when concording data on different counting methods (such as counts by place of work), non-population based datasets (such as business counts) or datasets collected at different time periods (such as data collected in 2001). Caution should therefore be used when interpreting non-resident based datasets that have been concorded.

One major assumption that is necessary to make when concording data is that the data (for example unemployed persons) are proportionately distributed across the region the same as total resident population (as total resident population is the variable used to derive the percentage splits). In some cases this assumption will not be entirely correct. In the example of unemployed persons, within the region there may be more concentrated areas with a larger proportion of unemployed persons. This assumption should therefore be considered when interpreting datasets that have been concorded.

### **Industry**

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

### **Industry Subdivision**

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

### **Local Government Area**

Local Government Area(s) (LGAs) (2014) are administration boundaries for local service provision. There are 78 LGA regions that cover the state.

### **Occupation**

Based on Australian and New Zealand Standard Classification of Occupations (ANZSCO), 2006 edition (Revision 1).

### **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 (Revision 1).

### **Queensland**

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

### **Region overview**

Statistics in the region overview have been derived from administrative geographical boundaries and the Bureau of Meteorology.

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

### **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**

### **Total personal income**

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