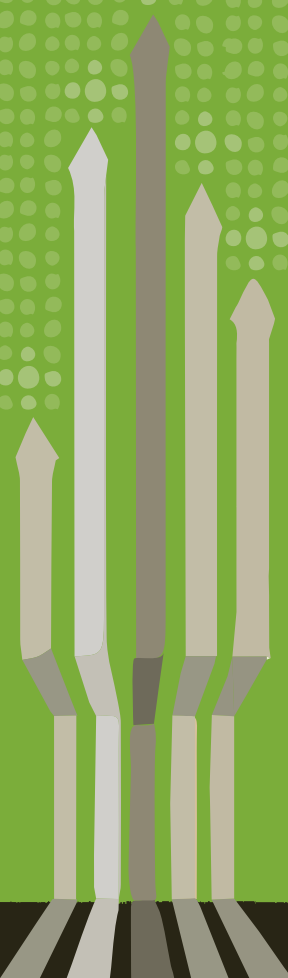




# Tiwi Islands Region Economic Profile At a glance



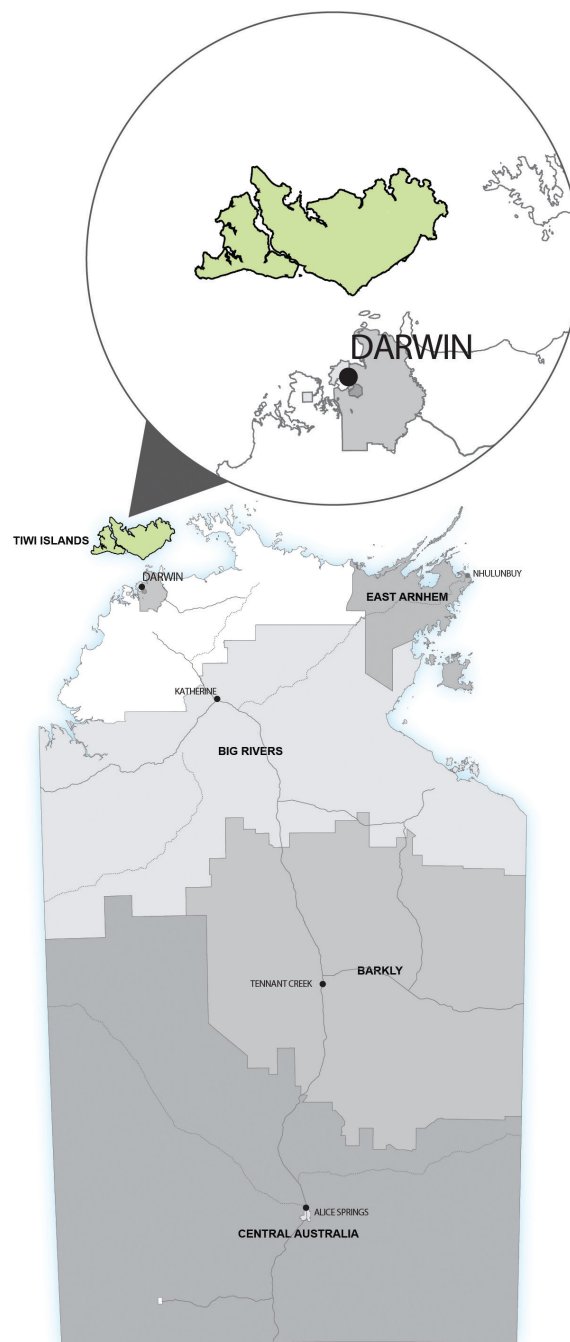
## Tiwi Islands Region at a glance

This economic snapshot of the Tiwi Islands provides some basic facts about the region.

The Tiwi Islands are part of the Northern Territory, Australia and are located 80 km north of Darwin where the Arafura Sea joins the Timor Sea. They comprise Melville Island, Bathurst Island, and nine smaller uninhabited islands. The combined area of Tiwi Islands is 7 462 square kilometres. Approximately 2 600 people live on the two islands and 86 per cent (2 201) of this population is Indigenous. Tiwi Indigenous Australians are culturally and linguistically distinct from those of Arnhem Land on the nearby mainland. The Tiwi people have four skin groups and eight clan groups and most speak Tiwi as their first language and English as a second language. Most of the population live in Wurrumiyanga (formerly Nguiu) on Bathurst Island, and Pirlangimpi (Garden Point) and Milikapiti (Snake Bay) on Melville Island. Wurrumiyanga has a population of nearly 1 500, Milikapiti 482 and Pirlangimpi with a population of 371.

The main sector that contributes to the region's economy is construction. This sector has grown 500% in the five years to 2011 with an associated growth in employment within this sector of 578%. This can be attributed to the Strategic Indigenous Housing Infrastructure Program (SIHIP) and accreditation gained by the Bathurst Island Housing Association which allows them to undertake large projects.

The Tiwi Land Council is one of four land councils in the Northern Territory. It is a representative body with statutory authority under the *Aboriginal Land Rights (Northern Territory) Act 1976*. In 2007 the Australian Government negotiated a 99 year lease over Wurrumiyanga. The parties to the township lease are the Tiwi Aboriginal Land Trust, the Tiwi Land Council and the Executive Director Township Leasing (on behalf of the Australian Government).



Source: Map of the Tiwi islands north of Darwin (Australian Geographic, Vol 48, 1997).

# Society

## What are the labour force characteristics in the region?

### DEMOGRAPHY

Total population at Census	2006	2011
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The Tiwi Islands Region includes Bathurst, Melville and Tiwi Island wilderness.

Bathurst Island*	1,227	1,488
Melville Island*	704	855
Tiwi Islands Region	2,117	2,569
Tiwi Islands Region median age	26	27

Source: ABS 2006 and 2011 Census, of Population and Housing. Enumerated (the number of people counted on Census night) data.

\*Data is based on urban centre and locality.

Estimated resident population (30 June)	2011pr	2012pr
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Tiwi Islands Region	3,002	3,034
Northern Territory	231,331	234,836

Source: ABS catalogue (cat.) number (no.) 3218.0 2011-12. Released April 2013. (pr - preliminary revised).

### Estimated resident population by age as at 30 June 2011

All persons	Male	Female
0-14	450	404
15-24	286	240
25-64	825	719
65+	31	47
Tiwi Islands Region	1,592	1,410
<b>Median age</b>	<b>26.6</b>	<b>27.4</b>

Source: ABS cat. no. 3235.0 June 2011.

### POPULATION AGED 15 - 64 YEARS (WORKING AGE)

	Indigenous	Non-Indigenous
Bathurst Island*	887	179
Melville Island*	480	99
Tiwi Island Region	1,460	326

Source: ABS Census 2011 (Enumerated data, the number of people counted on Census night). Non-Indigenous includes not stated and excludes overseas visitors.

\*Data is based on Indigenous location.

### LABOUR MARKET - TIWI ISLANDS

Labour force	Dec 2012	Census 2011
Unemployed persons	172	74
Unemployment rate (%)	14.9	8.6
Labour force	1,158	862

Source: Department of Education, Employment and Workplace Relations (DEEWR), Small Area Labour Market (SALM) Report accessed May 2013.

Note: The data for December 2012 is sourced from DEEWR, the Census data is sourced from ABS.

# Economy

## How much do we earn and where are the future labour shortages in the region?

SELECTED MEDIANS AND AVERAGES			
		Tiwi Islands Region	
		2006	2011
Median age of persons		26	27
Median individual income	(\$/weekly)	212	254
Median family income	(\$/weekly)	556	588
Median household income	(\$/weekly)	658	773
Median mortgage loan repayment	(\$/monthly)	–	542
Median rent	(\$/weekly)	40	40
Average number of persons per bedroom		1.6	1.6
Average household size		4.0	4.0

Source: ABS Census 2011 - Time series profile.

Note: Median family income is applicable to families in a family household. There can be more than one family in a household. Median household income is applicable to occupied private dwellings. It is based on all income earners in the household or in the occupied private dwelling.

LABOUR FORCE FORECAST BY OCCUPATION			
Daly-Tiwi-West Arnhem Region	2011 (No.)	2016 forecast (% change)	2021 forecast (% change)
Managers and administrators	576	20.3	34.0
Professionals	1,011	42.5	95.2
Technicians and trade workers	552	26.4	56.7
Community and personal service workers	665	27.0	55.2
Clerical and administrative workers	438	8.4	16.2
Sales workers	189	3.7	4.8
Machinery operators and drivers	384	37.8	77.0
Labourers and related workers	1,068	1.0	0.4

Source: ABS 2011 Census data and Dept. of Regional Development and Women's Policy forecast.

Note: Forecast provides a guide and does not include major projects. Labour force forecasts are based on a Leslie matrix population model. The Leslie matrix has been derived using a constant perpetual rate of return without taking into account any volatility of major projects that may impact on labour market conditions. Forecasts are based on time series data. ABS has made changes to Occupation classification, with 2011 Census Occupation responses being coded to Australian and New Zealand Standard Classification of Occupation (ANZSCO) rather than Australian Standard Classification of Occupation (ASCO). This has included the addition of 24 new occupations and the deletion and merging of eight occupations. It has included minor changes to the classification structure and definitional changes for some occupations. This will impact labour force forecast data and as such this information should be used with caution.

# Economy

(continued)

AREA	
Bathurst Island (Wurrumiyanga)	10.1 (Km <sup>2</sup> )
Melville Island (Pirlangimpi, Milikapiti)	23.5 (Km <sup>2</sup> )
Tiwi Islands Region	7462.6 (Km <sup>2</sup> )
Northern Territory	1348198.7 (Km <sup>2</sup> )

Source: ABS 2011 Census, place of enumeration by urban centre and locality; and ABS cat. no. 3218.0.

EMPLOYMENT BY INDUSTRY		
No. of workers in each industry sector	2006	2011
Agriculture, forestry and fishing	40	7
Mining	0	3
Manufacturing	15	5
Electricity, gas, water and waste services	6	3
Construction	14	95
Wholesale trade	3	3
Retail trade	25	39
Accommodation and food services	20	22
Transport, postal and warehousing	13	7
Information media and telecommunications	0	0
Financial and insurance services	26	3
Rental, hiring and real estate services	0	0
Professional, scientific and technical services	0	12
Administrative and support services	20	12
Public administration and safety	284	199
Education and training	76	129
Health care and social assistance	130	62
Arts and recreation services	5	52
Other services	13	109
Tiwi Islands Region total (includes not stated)	784	786

Source: ABS 2011 Census of Population and Housing. Time series data.

## POLICY CHANGES

A uniform tariff now applies to all Power and Water customers across the Territory, including those in remote communities. The tariffs in the Territory now sit in the middle of the range compared to interstate tariffs and are a step closer to reflecting what it actually costs to deliver essential services across the Territory. More information on power tariffs are available on the Power and Water website. [www.powerwater.com.au/tariff](http://www.powerwater.com.au/tariff).

## UTILITY COST

**Business power:** \$56 establishment fee or \$118 for new service connection (business hours). \$0.2982 per kWh plus \$0.7507 fixed charge per day.

**Business water:** \$55 connection fee. \$1.7393 per KL used. Fixed daily charge per meter size: Up to 25mm \$0.7225; 26-40mm, \$1.8496; 41-50mm, \$2.8839; 51-100mm \$11.6511; 101-150mm, \$26.0066; 151-200mm \$46.2458

**Business sewerage:** Fixed annual charge of \$731.94 applies to non - domestic properties with <3 sanitary fittings. Additional charges apply to more than three fittings plus the fixed cost.

**Domestic power:** \$56 establishment fee or \$118 for new service connection (business hours). \$0.2583 per kWh plus \$0.4808 fixed charge per day.

**Domestic water:** As per business water

**Domestic sewerage:** Fixed annual charge of \$731.94 applies to residential properties and vacant blocks able to be connected to the sewerage service.

For more information on power tariffs please visit the Power and Water website. [www.powerwater.com.au/tariff](http://www.powerwater.com.au/tariff)

# Economy

(continued)

<b>PRICES - COST OF LIVING</b>			
<b>Cost of food basket by district, supermarkets and corner stores</b>	<b>2010 (\$)</b>	<b>2011 (\$)</b>	<b>2012 (\$)</b>
Darwin district average	739	820	755
Supermarket	510	561	511
Corner stores	671	637	631
NT remote community store average	730	815	760

Source: NTG Market basket survey, 2010, 2011 and 2012.

<b>Average cost of a food basket in remote stores</b>			
Darwin remote	739	820	755
Katherine remote	724	797	769
East Arnhem remote	773	849	792
Alice Springs remote	705	811	751
Barkly remote	753	835	731
NT Remote store average	730	815	760
Tiwi Islands average	762	831	777

Source: Northern Territory Government (NTG) Market basket survey, 2010, 2011 and 2012. N/a= Not available.

<b>Housing - mortgage and rent payments</b>	<b>Tiwi Islands</b>	<b>Darwin</b>	<b>NT</b>
Median Rent (\$)	40	360	225
Households where rent payments are less than 30% of household income (%)	96.7	89.5	91.0
Households where rent payments are 30%, or greater, of household income (%)	3.3	10.5	9.0
<b>Mortgage monthly repayments (\$)</b>	<b>542</b>	<b>2167</b>	<b>2 058</b>
Households where mortgage payments are less than 30% of household income (%)	100	90.4	92.3
Households where mortgage payments are 30%, or greater, of household income (%)	0	9.6	7.7

Source: ABS - Census 2011 - Quick stats - Usual residents.

Note: The commonly accepted guideline for housing affordability is where housing cost does not exceed 30% of a household's gross income. When the carrying cost of a home exceeds this threshold of household income, then the housing is considered unaffordable for that household.

<b>Average unleaded petrol prices (cents per litre)</b>	<b>Mar 2013</b>	<b>Apr 2013</b>	<b>May 2013</b>
Nhulunbuy	191.00	194.10	189.5
Alice Springs	170.10	170.00	169.2
Darwin	164.20	162.40	158.7
Katherine	156.90	156.90	157.0
Tennant Creek	168.30	172.00	168.4
Northern Territory	165.00	163.70	160.8
Australia	146.80	137.90	139.0

Source: Australian Institute of Petroleum and agency research.

# Industry

This section highlights, the size, the economic base, the contribution of each sector and changes to the Tiwi Islands economy over time.

GROSS STATE PRODUCT BY SECTORS			
Industry classification	2001-02 (\$M)	2006-07 (\$M)	2011-12 (\$M)
Agriculture, forestry and fishing	2	4	1
Mining	0	0	3
Manufacturing	3	2	1
Electricity, gas, water and waste services	3	2	0
Construction	5	4	24
Wholesale trade	0	0	0
Retail trade	1	2	3
Accommodation and food services	1	1	1
Transport, postal and warehousing	1	2	1
Information media and telecommunications	0	0	0
Financial and insurance services	1	7	1
Rental, hiring and real estate services	0	0	0
Professional, scientific and technical services	0	0	1
Administrative and support services	0	2	1
Public administration and safety	15	18	14
Education and training	5	5	9
Health care and social assistance	7	11	6
Arts and recreation services	1	0	4
Other services	1	1	7
Ownership of dwellings	6	13	14
<b>Tiwi Islands Gross Regional Product (GRP)*</b>	<b>58</b>	<b>79</b>	<b>98</b>

\*GRP includes taxes less subsidies on products and statistical discrepancy.

Source: Dept. of Regional Development and Women's Policy published methodology.

Gross State Product total	2001-2002 (\$M)	2006-2007 (\$M)	2011-2012 (\$M)
Tiwi Islands Region GRP*	58	79	98
Northern Territory GSP	12,524	15,079	18,086

Source: ABS cat. no. 5220.0, 2011 Census Time series and Dept. of Regional Development and Women's Policy (2013) - Methodology as published in Global Business Economic Review 2010.

\*GRP is a derived methodology based on NT Gross State Product (GSP)/labour force. The ratio is then applied to employment by Industry for a region – therefore labour intensive industries will influence the results and as such data is an estimation and for indicative purposes only.

MINING 2012			
Tiwi Islands	Qty produced	Qty sold	\$ of quantity sold
Mineral sands (tonnes)	9,850	6,496	9,333,892

Source: Department of Mines and Energy

## Tiwi Islands services and facilities (selected)

ACTIVITY	WURRUMIYANGA	MILIKAPITI	PIRLANGIMPI	WRANGKUNU
Local Government	TIS	TIS	TIS	TIS
Police	Y	Y	Y	N
Court	Y	Y	Y	N
School (pre/child care)	Y	Y	Y	N
Primary	Y	Y	Y	Homeland Centre
High	Y	N	N	N
College	Y	N	N	N
Health	Y	Y	Y	N
Community library	N	Y	Y	N
Church	Y	Y	Y	N
General store - retail	Y	Y	Y	Y
Mechanic workshop	Y	Y	Y	Y
Art and craft outlets	Y	Y	Y	N
Sheltered workshops	Y	N	N	N
Visitor accommodation	Y	Y	Y	N
Hire vehicles	Y	Y	Y	N
Public transport	Y	N	N	N
Training facilities	Y	Y	Y	N
Tourist activities	Y	Y	N	N
Club Association	Y	Y	Y	Y
Aged care	Y	N	N	N
Takeaway	Y	Y	Y	N
Tiwi plantations	N	Y	N	N
Deep sea port facilities	N	N	Y	N
Barge landings	Y	Y	Y	Y
Airstrips	Y	Y	Y	Y
Permits to visit	TLC	TLC	TLC	TLC

Y = Yes N = No

TIS = Tiwi Islands Shire

TCC = Tiwi Land Council

- \* Fly Tiwi - daily return flights between Darwin and the major centres of Wurrumiyanga, Pirlangimpi and Milikapiti are operated by Fly Tiwi.
- \* Charter flights can also be arranged from Darwin to the islands through any of the small aircraft companies in Darwin such as Hardy Aviation.
- \* Ferry service - The Arafura Pearl provides a seasonal service to Wurrumiyanga.
- \* The township of Wurrumiyanga is on a 99 year lease with the Australian government.
- \* An extensive unsealed road network covers both of the main Islands, while the roads in the main township are sealed.
- \* Hire cars are available from the Tiwi Land Council.
- \* A vehicle ferry links the two main islands.
- \* Care flights use the local airstrips if required.