



**Office of
Economic and
Statistical
Research**



Index of Retail Prices in Queensland Regional Centres

May 2006



INDEX OF RETAIL PRICES

IN

QUEENSLAND REGIONAL CENTRES

May 2006

Office of Economic and Statistical Research

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Summary

This publication contains information derived from a survey of regional retail prices of goods and services in selected Queensland cities and towns conducted in May 2006. The information is expressed in the form of index numbers, which allow comparison of relative retail prices between selected centres and the average for the Brisbane Statistical Division (Brisbane) at the time of the survey.

Key findings

- Prices paid by Queensland households varied across the State with overall prices being more expensive than the Brisbane average in 12 out of 48 centres.
- Lower housing costs in the majority of centres in regional Queensland had a major impact on the overall result. When housing is excluded from the overall index, there were 25 centres more expensive than Brisbane.

The differences between the most and least expensive centres also varied considerably across the various indices (see Table 1). While the range for the all items index was 33.3 index points (from 90.5 to 123.8), the housing index had a range of 149.8 index points (from 45.7 to 195.5). When housing is excluded from the overall index, the variation is reduced to 19.3 index points. Substantial ranges in prices were also recorded for household content and services (52.1 index points), clothing and footwear (43.8 index points), food (38.7 index points) and alcohol and tobacco (26.7 index points).

For the groceries and tobacco index, the number of centres covered was increased from 48 to 61 to include a number of areas with a high proportion of Indigenous persons. Prices paid for groceries and tobacco were higher in 51 of these centres relative to Brisbane. In addition, there was a considerable range in this index, from a low of 98.4 to a high of 167.9.

Table 1. Range of spatial price indices, May 2006

Index	Lowest value	Highest value	Range
All items	90.5	123.8	33.3
Food	92.2	130.9	38.7
Alcohol and tobacco	92.5	119.2	26.7
Clothing and footwear	88.8	132.6	43.8
Housing	45.7	195.5	149.8
Household content and services	91.1	143.2	52.1
Health, education and communication	99.7	104.5	4.8
Transportation	88.7	108.0	19.3
Recreation	91.4	112.3	20.9
Financial and insurance services	95.4	100.5	5.1
All items less housing	97.4	116.7	19.3
Groceries and tobacco (a)	98.4	167.9	69.5

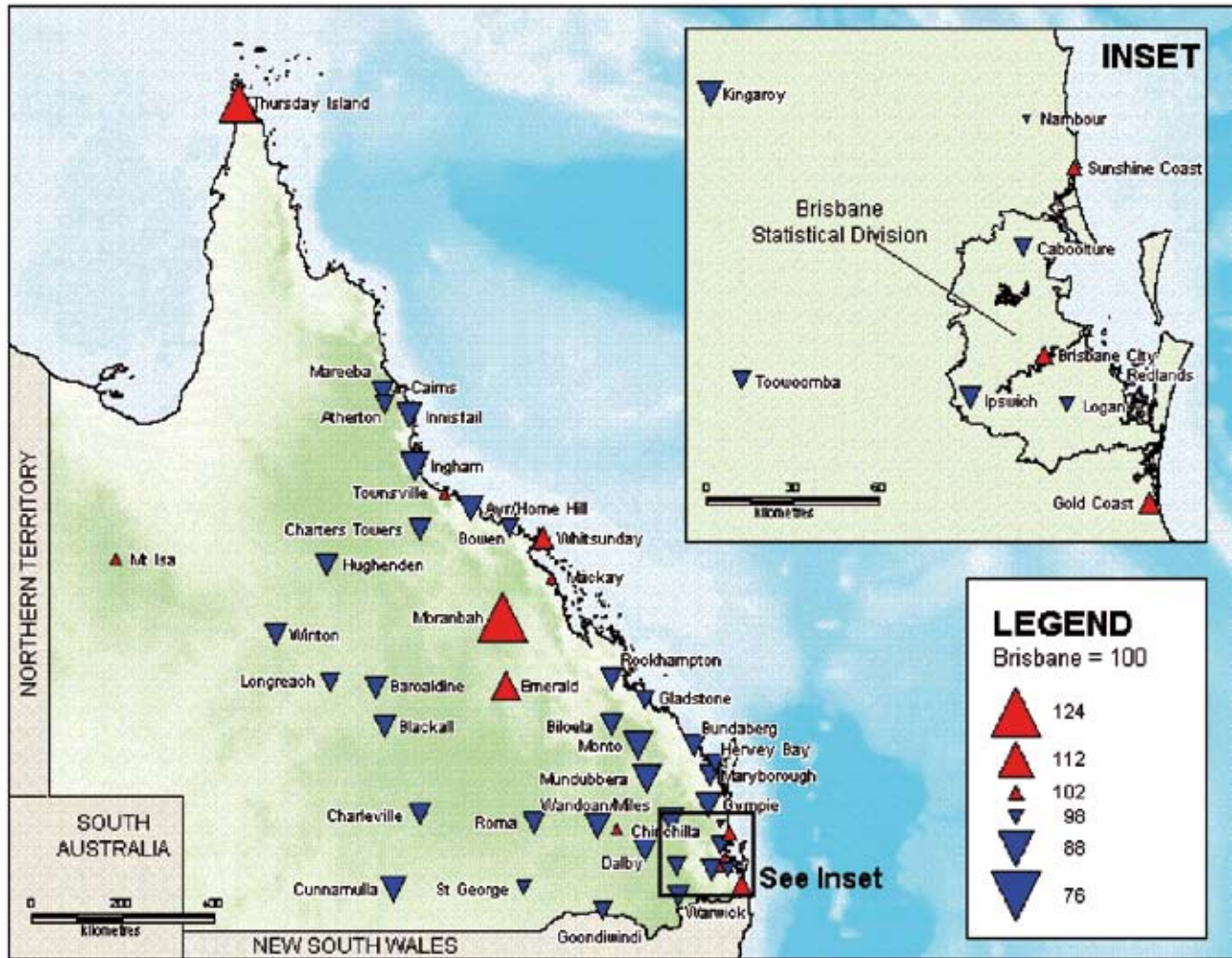
(a) Includes a number of Indigenous areas.



All items index

Of the 48 centres fully surveyed, 12 recorded prices higher than Brisbane and 36 centres recorded lower prices. Figure 1 and Table 2 show that the most expensive centres compared with Brisbane were distributed across the State. Moranbah was the most expensive centre (23.8 per cent more expensive than Brisbane), followed by Thursday Island (14.5 per cent more expensive than Brisbane) and Emerald (7.5 per cent more expensive than Brisbane). In the calculation of the index, all items in the survey were included.

Figure 1. All items index, Queensland, May 2006



The least expensive regions compared with Brisbane were found in regional Queensland. Prices in Ingham were 9.5 per cent less expensive, Monto prices were 9.3 per cent less expensive and Mundubbera prices were 8.7 per cent less expensive than Brisbane.

Table 2. Spatial price index, all items, May 2006

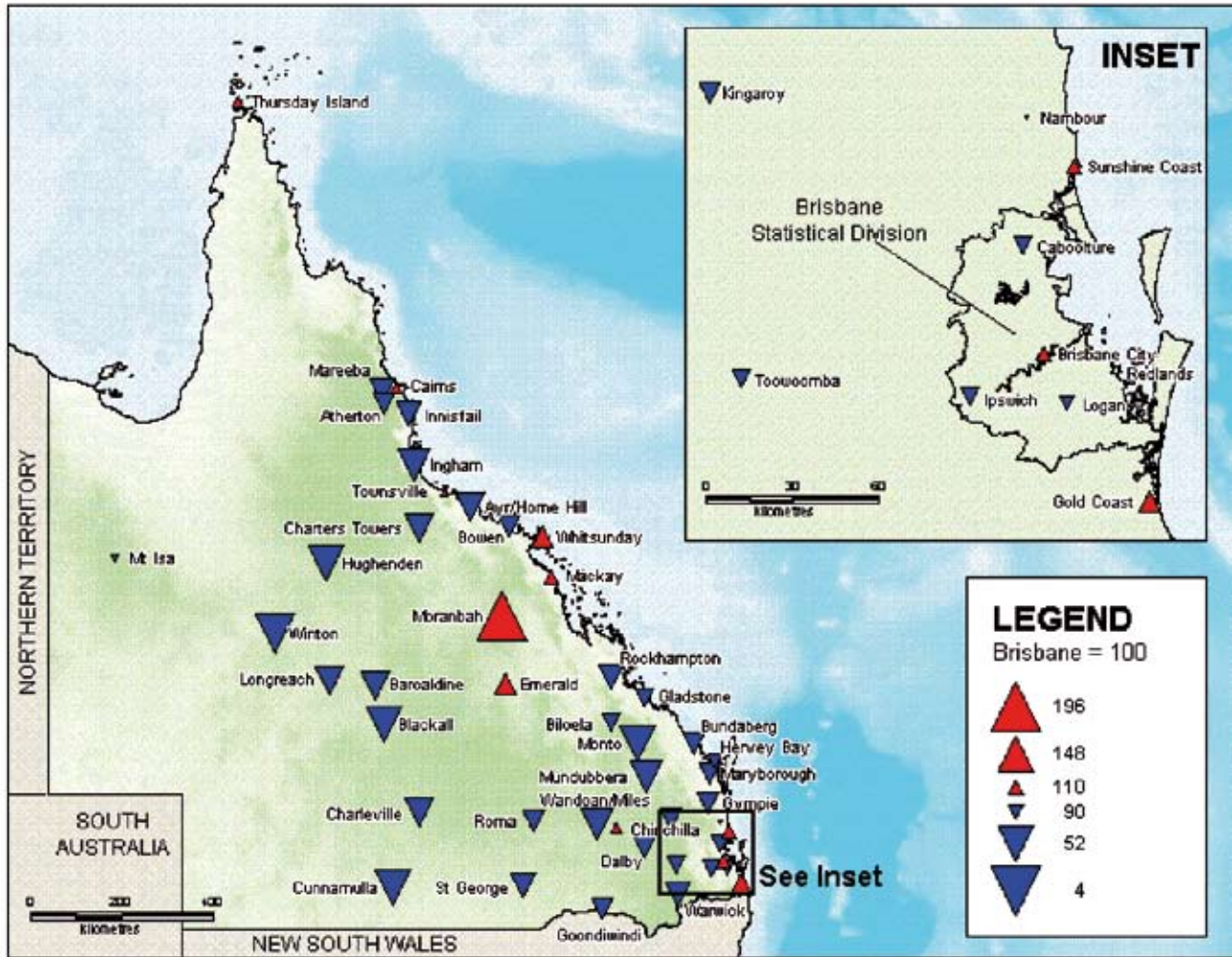
Centre	Index numbers	Percentage difference from Brisbane
Brisbane	100.0	
Brisbane City	102.8	2.8
Caboolture	96.5	-3.5
Ipswich	95.0	-5.0
Logan	97.7	-2.3
Redlands	98.9	-1.1
Atherton	97.0	-3.0
Ayr/Home Hill	92.7	-7.3
Barcaldine	95.7	-4.3
Biloela	95.0	-5.0
Blackall	94.4	-5.6
Bowen	95.9	-4.1
Bundaberg	95.3	-4.7
Cairns	100.9	0.9
Charleville	94.6	-5.4
Charters Towers	94.8	-5.2
Chinchilla	101.2	1.2
Cunnamulla	93.8	-6.2
Dalby	93.8	-6.2
Emerald	107.5	7.5
Gladstone	95.8	-4.2
Gold Coast	105.1	5.1
Goondiwindi	96.2	-3.8
Gympie	93.3	-6.7
Hervey Bay	96.5	-3.5
Hughenden	95.0	-5.0
Ingham	90.5	-9.5
Innisfail	93.7	-6.3
Kingaroy	93.3	-6.7
Longreach	96.1	-3.9
Mackay	101.8	1.8
Mareeba	95.3	-4.7
Maryborough	94.5	-5.5
Monto	90.7	-9.3
Moranbah	123.8	23.8
Mt Isa	101.5	1.5
Mundubbera	91.3	-8.7
Nambour	99.3	-0.7
Rockhampton	95.0	-5.0
Roma	95.4	-4.6
St George	97.3	-2.7
Sunshine Coast	102.5	2.5
Thursday Island	114.5	14.5
Toowoomba	97.1	-2.9
Townsville	101.9	1.9
Wandoan/Miles	92.9	-7.1
Warwick	94.2	-5.8
Whitsunday	104.8	4.8
Winton	94.0	-6.0



Housing index

Of the 48 centres surveyed, 12 centres recorded higher housing indices than Brisbane and the remaining 36 centres were less expensive than Brisbane (see Figure 2 and Table 3). The items included in the calculation of the index included rents for dwellings, electricity and other household fuels.

Figure 2. Housing index, Queensland, May 2006



The most expensive centre for housing was Moranbah, where the cost of housing was 95.5 per cent more expensive than Brisbane. Moranbah is a mining town where housing is in very high demand. The price of housing in Whitsunday was 24.3 per cent higher, and the price for the Gold Coast was 22.0 per cent higher than Brisbane. The least expensive centres for housing were Winton (54.3 per cent lower), Blackall (49.3 per cent lower), Cunnamulla (47.0 per cent lower) and Monto (46.9 per cent lower).

Table 3. Spatial price index, housing, May 2006

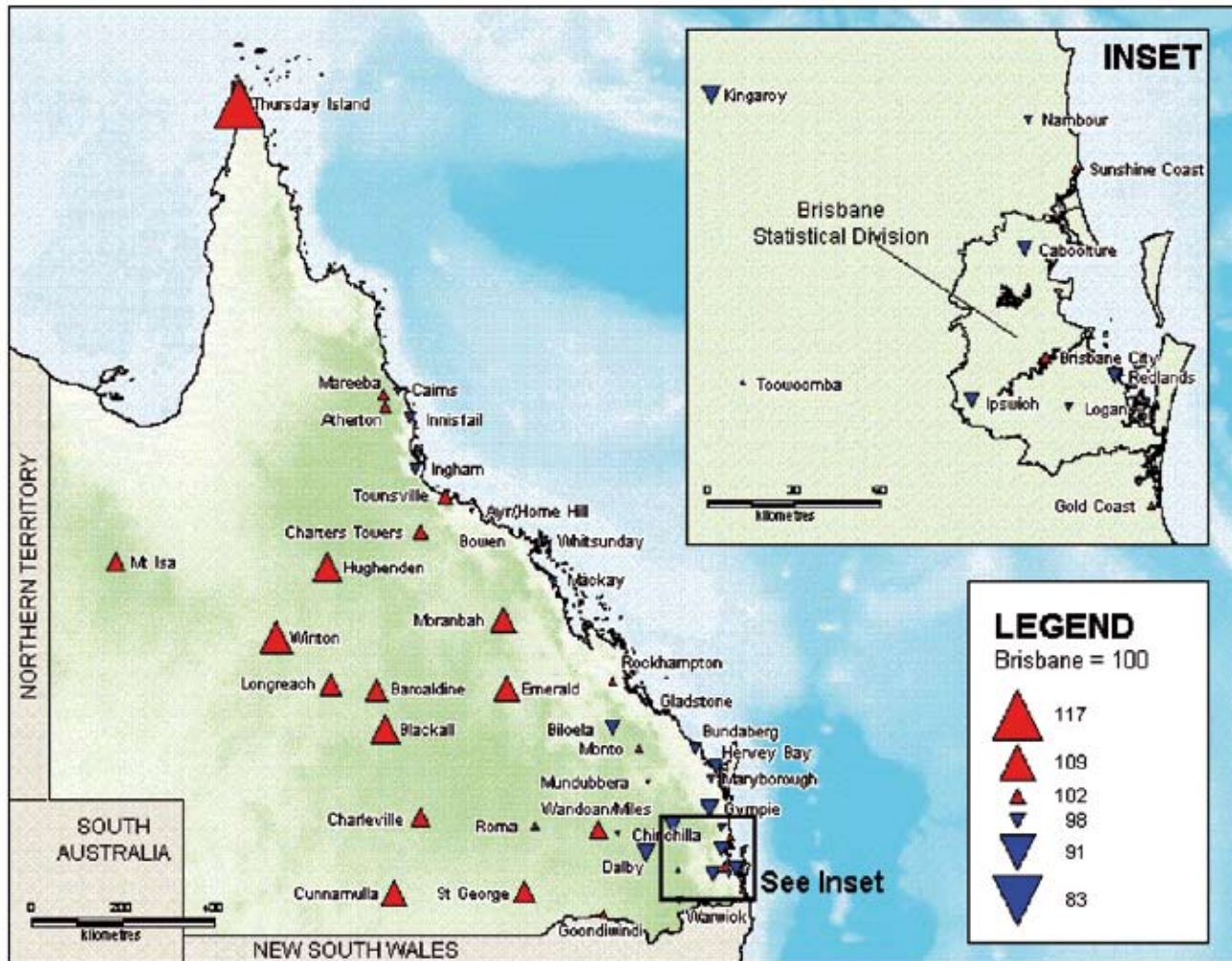
Centre	Index numbers	Percentage difference from Brisbane
Brisbane	100.0	
Brisbane City	109.0	9.0
Caboolture	88.7	-11.3
Ipswich	83.7	-16.3
Logan	90.6	-9.4
Redlands	101.6	1.6
Atherton	80.9	-19.1
Ayr/Home Hill	66.2	-33.8
Barcaldine	63.8	-36.2
Biloela	82.9	-17.1
Blackall	50.7	-49.3
Bowen	81.7	-18.3
Bundaberg	81.7	-18.3
Cairns	106.6	6.6
Charleville	63.9	-36.1
Charters Towers	68.9	-31.1
Chinchilla	106.0	6.0
Cunnamulla	53.0	-47.0
Dalby	78.7	-21.3
Emerald	118.8	18.8
Gladstone	83.0	-17.0
Gold Coast	122.0	22.0
Goondiwindi	79.4	-20.6
Gympie	76.9	-23.1
Hervey Bay	89.1	-10.9
Hughenden	53.7	-46.3
Ingham	59.7	-40.3
Innisfail	74.8	-25.2
Kingaroy	78.1	-21.9
Longreach	69.2	-30.8
Mackay	109.9	9.9
Mareeba	72.7	-27.3
Maryborough	77.1	-22.9
Monto	53.1	-46.9
Moranbah	195.5	95.5
Mt Isa	97.3	-2.7
Mundubbera	58.8	-41.2
Nambour	98.6	-1.4
Rockhampton	74.6	-25.4
Roma	76.6	-23.4
St George	72.1	-27.9
Sunshine Coast	110.3	10.3
Thursday Island	106.3	6.3
Toowoomba	85.8	-14.2
Townsville	102.7	2.7
Wandoan/Miles	55.6	-44.4
Warwick	75.3	-24.7
Whitsunday	124.3	24.3
Winton	45.7	-54.3



All items less housing index

When the cost of housing is excluded from the all items index, the price for the basket of goods and services was higher than Brisbane in 25 of the 48 centres. The majority of these centres were in the north and west of the State (see Figure 3 and Table 4). (For an explanation of the ‘basket’ of goods and services, see the explanatory notes on p. 14)

Figure 3. All items less housing index, Queensland, May 2006



Thursday Island was the most expensive centre (16.7 per cent more expensive than Brisbane). The western centres of Winton (6.9 per cent higher), Blackall (6.1 per cent higher), Hughenden (6.0 per cent higher) and Cunnamulla (4.7 per cent higher) were the next most expensive centres. When the cost of housing is excluded from the all items index, the indices of two centres, Chinchilla and Mundubbera, were the same as Brisbane and the least expensive centre was Kingaroy, which was 2.6 per cent cheaper than Brisbane. Gympie and Dalby were the next cheapest centres, both just over 2.0 per cent cheaper than Brisbane.

Table 4. Spatial price index, all items less housing, May 2006

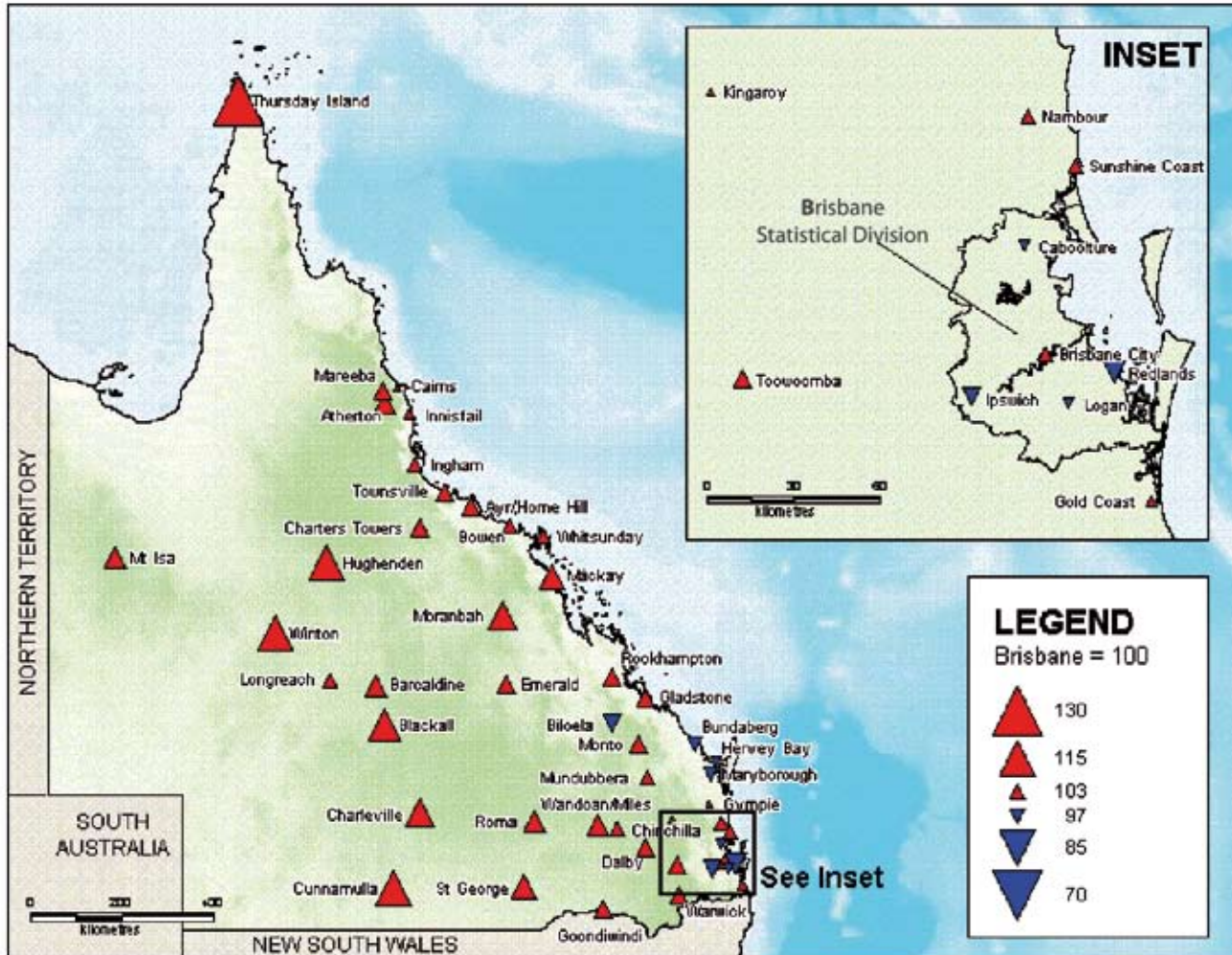
Centre	Index numbers	Percentage difference from Brisbane
Brisbane	100.0	
Brisbane City	101.1	1.1
Caboolture	98.5	-1.5
Ipswich	98.0	-2.0
Logan	99.6	-0.4
Redlands	98.2	-1.8
Atherton	101.3	1.3
Ayr/Home Hill	99.8	-0.2
Barcaldine	104.2	4.2
Biloela	98.2	-1.8
Blackall	106.1	6.1
Bowen	99.7	-0.3
Bundaberg	98.9	-1.1
Cairns	99.4	-0.6
Charleville	102.8	2.8
Charters Towers	101.8	1.8
Chinchilla	100.0	0.0
Cunnamulla	104.7	4.7
Dalby	97.9	-2.1
Emerald	104.4	4.4
Gladstone	99.3	-0.7
Gold Coast	100.5	0.5
Goondiwindi	100.6	0.6
Gympie	97.7	-2.3
Hervey Bay	98.5	-1.5
Hughenden	106.0	6.0
Ingham	98.8	-1.2
Innisfail	98.8	-1.2
Kingaroy	97.4	-2.6
Longreach	103.4	3.4
Mackay	99.7	-0.3
Mareeba	101.3	1.3
Maryborough	99.2	-0.8
Monto	100.8	0.8
Moranbah	104.6	4.6
Mt Isa	102.6	2.6
Mundubbera	100.0	0.0
Nambour	99.5	-0.5
Rockhampton	100.4	0.4
Roma	100.5	0.5
St George	104.0	4.0
Sunshine Coast	100.4	0.4
Thursday Island	116.7	16.7
Toowoomba	100.1	0.1
Townsville	101.7	1.7
Wandoan/Miles	102.9	2.9
Warwick	99.3	-0.7
Whitsunday	99.6	-0.4
Winton	106.9	6.9



Food, alcohol and tobacco index

Of the 48 centres surveyed, 40 recorded prices higher than Brisbane, with only eight centres being less expensive (see Figure 4 and Table 5). The higher prices were mainly in the west of the State and Thursday Island.

Figure 4. Food, alcohol and tobacco index, Queensland, May 2006



Thursday Island was the most expensive centre, where the cost of food, alcohol and tobacco was 29.9 per cent more expensive than in Brisbane. The centres of Cunnamulla, Hughenden, Winton, Blackall, Moranbah and Charleville all recorded prices that were between 10 and 15 per cent higher than Brisbane for food, alcohol and tobacco. Redlands was the least expensive centre, being 6.2 per cent cheaper than Brisbane. Ipswich and Biloela were the next cheapest centres for food, alcohol and tobacco, both recording prices just under 4 per cent less expensive than Brisbane.

Table 5. Spatial price index, food, alcohol and tobacco, May 2006

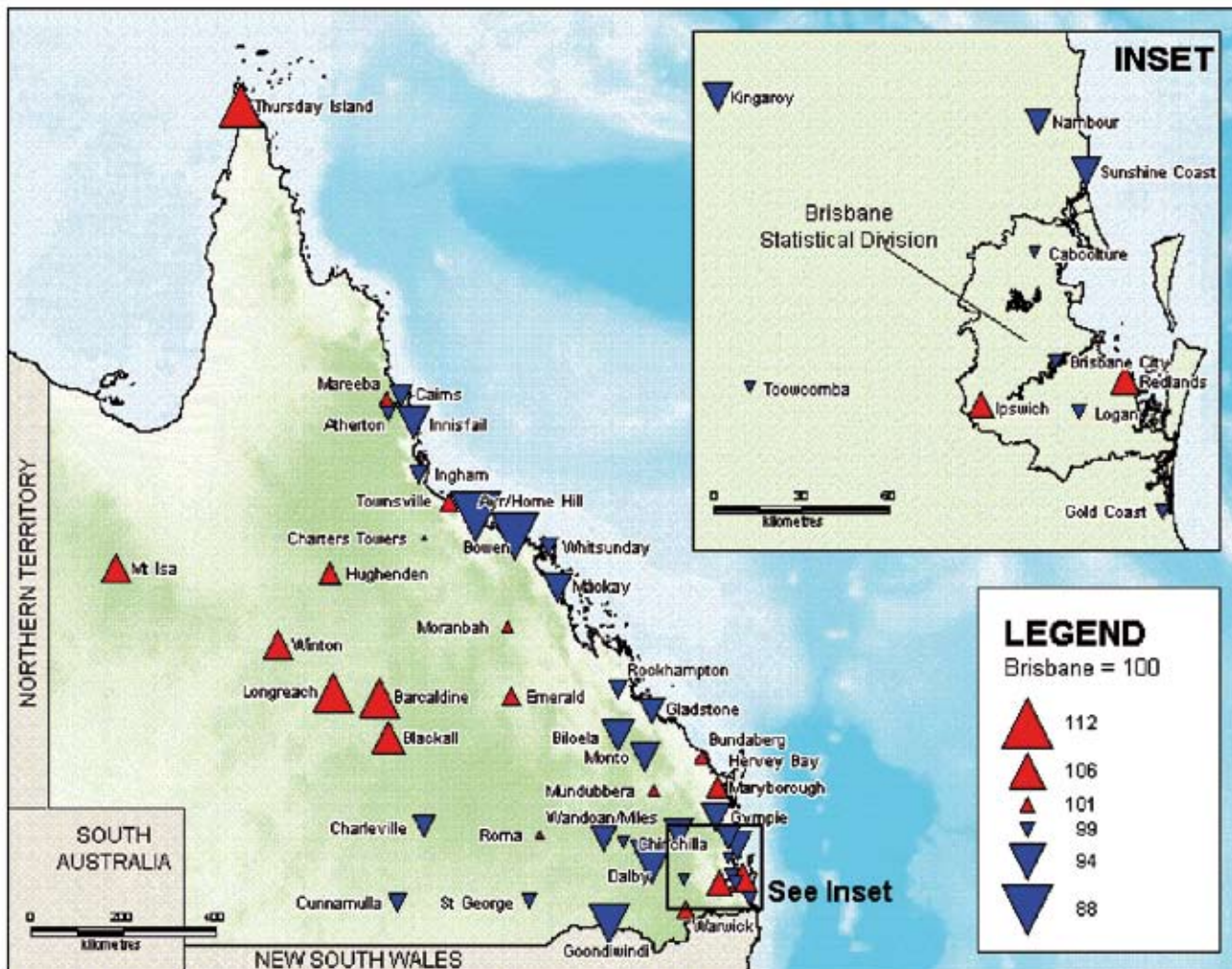
Centre	Index numbers	Percentage difference from Brisbane
Brisbane	100.0	
Brisbane City	102.4	2.4
Caboolture	98.0	-2.0
Ipswich	96.2	-3.8
Logan	97.7	-2.3
Redlands	93.8	-6.2
Atherton	105.5	5.5
Ayr/Home Hill	103.9	3.9
Barcaldine	105.9	5.9
Biloela	96.3	-3.7
Blackall	113.9	13.9
Bowen	102.4	2.4
Bundaberg	97.2	-2.8
Cairns	100.6	0.6
Charleville	111.0	11.0
Charters Towers	105.1	5.1
Chinchilla	102.5	2.5
Cunnamulla	115.1	15.1
Dalby	105.0	5.0
Emerald	104.5	4.5
Gladstone	104.4	4.4
Gold Coast	101.6	1.6
Goondiwindi	105.1	5.1
Gympie	100.7	0.7
Hervey Bay	98.4	-1.6
Hughenden	114.9	14.9
Ingham	103.2	3.2
Innisfail	102.2	2.2
Kingaroy	100.8	0.8
Longreach	102.8	2.8
Mackay	108.1	8.1
Mareeba	103.9	3.9
Maryborough	97.5	-2.5
Monto	104.9	4.9
Moranbah	112.0	12.0
Mt Isa	105.4	5.4
Mundubbera	102.6	2.6
Nambour	103.3	3.3
Rockhampton	104.0	4.0
Roma	105.5	5.5
St George	108.2	8.2
Sunshine Coast	102.5	2.5
Thursday Island	129.9	29.9
Toowoomba	103.5	3.5
Townsville	103.5	3.5
Wandoan/Miles	107.3	7.3
Warwick	103.8	3.8
Whitsunday	103.2	3.2
Winton	114.9	14.9



Transportation index

Of the 48 centres surveyed, only 19 recorded higher transportation prices than Brisbane and the remaining 29 centres were less expensive than Brisbane (see Figure 5 and Table 6). The items included in the calculation of the index included the price of a new car, automotive fuel, tyres, oil, spark plugs, labour charges, registration, licences, vehicle club membership and taxi fares. In the centres where there were no new car yards, the prices were collected from the closest town where a car yard existed. This index should be treated with some caution due to the volatility of fuel prices during the collection period.

Figure 5. Transportation index, Queensland, May 2006



Thursday Island was again the most expensive centre, with a cost of transportation 8 per cent higher than Brisbane. The regional centres of Longreach, Barcaldine, Blackall, Mt Isa and Winton all recorded prices that were between 4 and 8 per cent higher than Brisbane for transportation. Ayr/Home Hill was the least expensive centre compared with Brisbane, being 11.3 per cent cheaper for transportation. Bowen and Dalby both recorded prices between 9 and 10 per cent less expensive than Brisbane for transportation. The lower transportation index in these centres largely reflects the lower cost of mechanics' labour compared with Brisbane.

Table 6. Spatial price index, transportation, May 2006

Centre	Index numbers	Percentage difference from Brisbane
Brisbane	100.0	
Brisbane City	98.7	-1.3
Caboolture	99.2	-0.8
Ipswich	103.7	3.7
Logan	98.7	-1.3
Redlands	104.0	4.0
Atherton	98.1	-1.9
Ayr/Home Hill	88.7	-11.3
Barcaldine	106.7	6.7
Biloela	94.7	-5.3
Blackall	105.0	5.0
Bowen	90.1	-9.9
Bundaberg	101.2	1.2
Cairns	97.2	-2.8
Charleville	97.4	-2.6
Charters Towers	100.2	0.2
Chinchilla	99.4	-0.6
Cunnamulla	98.2	-1.8
Dalby	90.9	-9.1
Emerald	102.1	2.1
Gladstone	96.8	-3.2
Gold Coast	98.9	-1.1
Goondiwindi	93.3	-6.7
Gympie	95.2	-4.8
Hervey Bay	99.8	-0.2
Hughenden	102.3	2.3
Ingham	98.2	-1.8
Innisfail	94.8	-5.2
Kingaroy	95.2	-4.8
Longreach	107.8	7.8
Mackay	95.7	-4.3
Mareeba	101.0	1.0
Maryborough	102.9	2.9
Monto	96.1	-3.9
Moranbah	100.8	0.8
Mt Isa	104.4	4.4
Mundubbera	100.6	0.6
Nambour	96.9	-3.1
Rockhampton	98.4	-1.6
Roma	100.3	0.3
St George	98.9	-1.1
Sunshine Coast	96.1	-3.9
Thursday Island	108.0	8.0
Toowoomba	99.2	-0.8
Townsville	101.8	1.8
Wandoan/Miles	96.9	-3.1
Warwick	101.5	1.5
Whitsunday	98.2	-1.8
Winton	104.2	4.2



Groceries and tobacco index

For the groceries and tobacco index, the number of centres surveyed was increased from 48 to 61 centres to cover a number of areas with a high proportion of Indigenous persons and to provide an indication of the relative prices of groceries and tobacco in these centres relative to Brisbane and other centres in Queensland.

Of the 13 additional centres surveyed, 12 recorded prices higher than all other centres in Queensland for groceries and tobacco (see Figure 6 and Table 7). Burketown was the most expensive centre, with prices being 67.9 per cent higher than Brisbane. The remaining areas, in order, which recorded prices higher than other Queensland centres were Lockhart River (65.3 per cent), Kowanyama (58.8 per cent), Pormpuraaw (57.3 per cent), Murray Island (56.4 per cent), Croydon (52.3 per cent), Doomadgee (49.9 per cent), Hope Vale (45.4 per cent), Normanton (40.1 per cent), Karumba (34.7 per cent), Palm Island (30.5 per cent) and Weipa (28.9 per cent). The groceries and tobacco index for Thursday Island, was 38.5 per cent higher than Brisbane. The remaining centre, Cooktown, was 4.4 per cent more expensive than Brisbane for groceries and tobacco.

Figure 6. Groceries and tobacco index, Queensland, May 2006

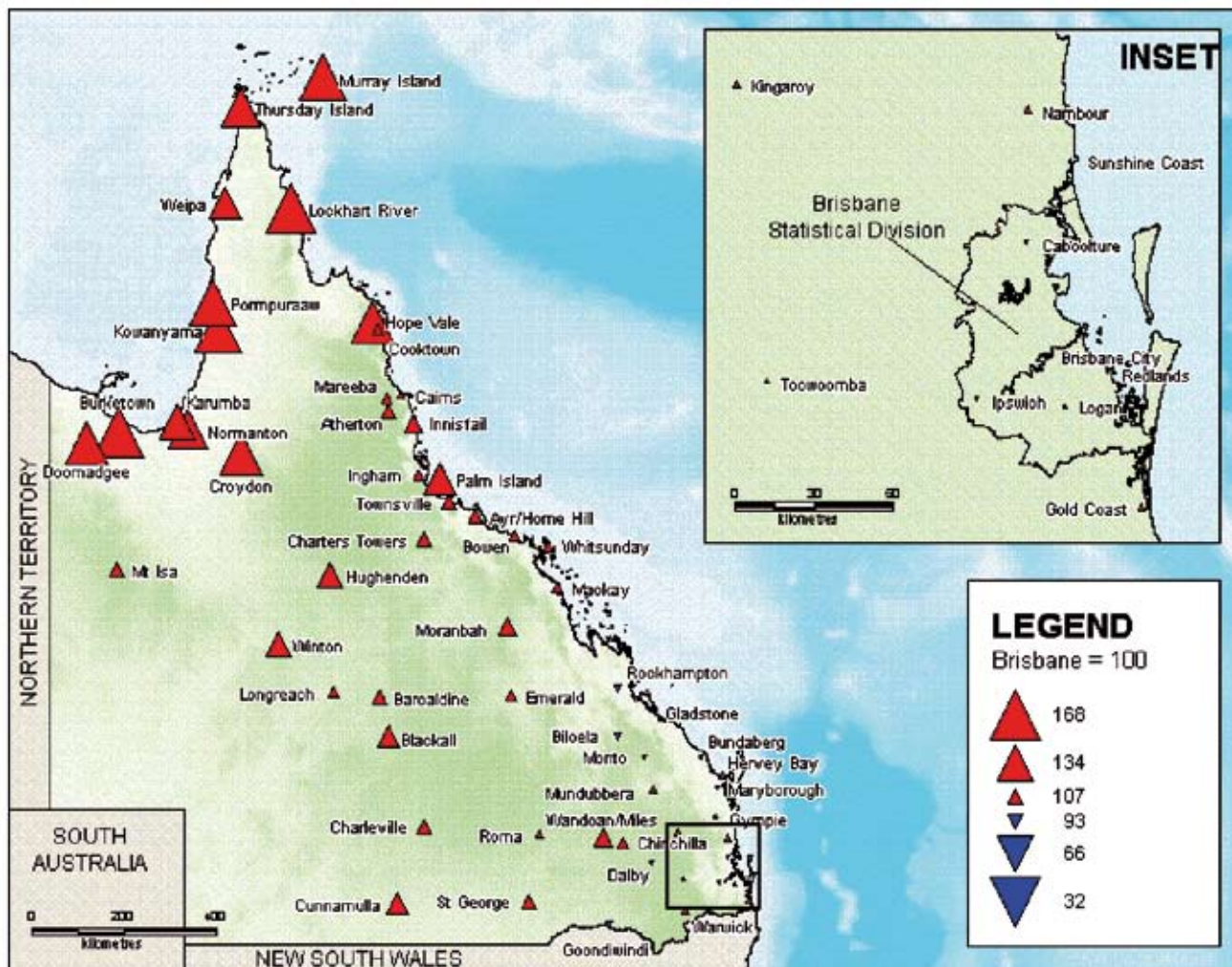


Table 7. Spatial price index, groceries and tobacco, May 2006

Centre	Index numbers	Percentage difference from Brisbane
Brisbane	100.0	
Brisbane City	100.2	0.2
Caboolture	99.5	-0.5
Ipswich	99.7	-0.3
Logan	100.4	0.4
Redlands	98.9	-1.1
Atherton	105.6	5.6
Ayr/Home Hill	106.5	6.5
Barcaldine	106.7	6.7
Biloela	98.8	-1.2
Blackall	116.0	16.0
Bowen	104.9	4.9
Bundaberg	99.4	-0.6
Burketown*	167.9	67.9
Cairns	102.4	2.4
Charleville	106.2	6.2
Charters Towers	107.0	7.0
Chinchilla	104.4	4.4
Cooktown*	104.4	4.4
Croydon*	152.3	52.3
Cunnamulla	113.3	13.3
Dalby	99.4	-0.6
Doomadgee*	149.9	49.9
Emerald	103.9	3.9
Gladstone	100.6	0.6
Gold Coast	102.8	2.8
Goondiwindi	98.4	-1.6
Gympie	100.4	0.4
Hervey Bay	101.9	1.9
Hope Vale*	145.4	45.4
Hughenden	119.4	19.4
Ingham	104.9	4.9
Innisfail	108.5	8.5
Karumba*	134.7	34.7
Kingaroy	101.3	1.3
Kowanyama*	158.8	58.8
Lockhart River*	165.3	65.3
Longreach	105.0	5.0
Mackay	104.9	4.9
Mareeba	104.3	4.3
Maryborough	99.5	-0.5
Monto	99.0	-1.0
Moranbah	110.1	10.1
Mt Isa	106.4	6.4
Mundubbera	102.5	2.5
Murray Island*	156.4	56.4
Nambour	103.3	3.3
Normanton*	140.1	40.1
Palm Island*	130.5	30.5
Pormpuraaw*	157.3	57.3
Rockhampton	98.7	-1.3
Roma	101.6	1.6
St George	107.8	7.8
Sunshine Coast	100.5	0.5
Thursday Island	138.5	38.5
Toowoomba	100.5	0.5
Townsville	105.9	5.9
Wandoan/Miles	108.7	8.7
Warwick	102.7	2.7
Weipa*	128.9	28.9
Whitsunday	104.4	4.4
Winton	121.0	21.0

* Centres with a high proportion of Indigenous persons. Only grocery and tobacco prices were collected in these areas.



Explanatory notes

This publication contains information derived from a survey of regional retail prices of goods and services in selected Queensland cities and towns conducted in May 2006. The information is expressed in the form of index numbers, which allow comparison of relative retail prices between selected centres and Brisbane Statistical Division average (Brisbane) at the time of the survey.

The data allow a spatial overview of the relative cost associated with a basket of goods and services in 48 centres across the State. The derived index provides an indication of the relative difference between the cost of this selected basket in Brisbane and the corresponding cost in each of the centres surveyed. This, in turn, gives an indication of relative differences in cost of living across Queensland at one point in time. The index, therefore, not only provides an indication of the extent of the price differences between Brisbane and other centres, but also provides a measure of the spatial pattern of prices across Queensland.

In addition, a partial survey of regional prices was undertaken in a further 13 centres to measure the relative prices for groceries and tobacco in a number of areas with a higher proportion of Indigenous persons than Brisbane and other centres in Queensland.

Spatial price indices

The term “spatial price index” refers to numbers that measure price differences across localities at a given time period. In this case, cost of living comparisons can be made between Brisbane and selected centres throughout Queensland during May 2006.

Scope

This survey, previously conducted annually from 1990 to 1995, then in 1997, 1999 and 2001, includes a range of goods and services (approximately 207 separate items) priced in centres throughout Queensland. As far as possible, goods and services of similar specifications are priced at each centre. Items are priced and grouped into the broad categories of food; alcohol and tobacco; clothing and footwear; housing; household contents and services; health, education and communication; transportation; recreation; and financial and insurance services.

A subset of this basket of goods covering groceries and tobacco was priced in a further 13 regional centres which had a high proportion of Indigenous persons.

Price collection

The survey data were collected by trained statistical field staff who visited retail outlets and service establishments in each locality. Prices collected were for the same brand and package size across regional centres.

Index construction

Information obtained from the survey is expressed in terms of index numbers. The price of each item was weighted according to its relative importance to total household expenditure. The weights used in combining the collected prices are derived from estimates of household consumption or expenditure used for compilation of the Australian Bureau of Statistics (ABS) Consumer Price Index.

The index is presented on the basis of Brisbane as a benchmark (Brisbane = 100). The index number for each centre indicates the relative level of prices in that centre compared with Brisbane. For example, the indices of food, alcohol and tobacco (105.9) and all items (95.7) for Barcaldine indicate that food, alcohol and tobacco prices are 5.9 per cent higher than in Brisbane and overall prices as measured by the all items index are 4.3 per cent lower than in Brisbane.

Data quality

A common list of items or 'basket' of goods and services was priced in each centre. Differences in living costs that result from differences in consumption patterns between localities are not reflected in the index numbers. Users of the data should be aware that the appropriateness of the items and weights used will vary from centre to centre, and that the differences in price levels as indicated by the indices should be regarded as indicative rather than absolute. Similarly, given that the information is collected at one point in time, the relativities represented by the indices are subject to seasonal and other influences that affect price levels in different centres at different points in time.

Methodology

Actual price information was collected using a survey book that listed approximately 207 categories of items to be priced. These categories are grouped into nine groups, representing a subset of the Consumer Price Index, namely food; alcohol and tobacco; clothing and footwear; housing; household contents and services; health, education and communication; transportation; recreation; and financial and insurance services. The survey book allowed a choice from a range of items in each category and, when a listed item was not available, the price and detail of a substitute item were recorded. All substituted items were then priced in Brisbane.

For some items, where the same price applies across the State, such as education, communication and financial services and some components of health, prices were not collected separately from localities but the same price was applied across all centres. In the case of housing, a 'cost of use' approach was used, which measures the economic value of the services provided by a dwelling. The price of these services was measured by the rental value of the dwellings in each centre with owner-occupied dwellings imputed in line with rented dwellings. Detailed data on rents were obtained from the Queensland Residential Tenancies Authority.

All centres were allocated at least one survey book, with the number of books allocated to each centre being approximately in proportion with population size. For example, three books were priced for Cairns, with books being completed in the city centre and in the northern and southern suburbs respectively. Brisbane Statistical Division, being the reference centre for comparing prices and having the largest population, was allocated ten books, including five books for Brisbane city.



In calculating the spatial price index, the weights applied to each item were derived using data from the ABS publications *A Guide to the Consumer Price Index, 15th Series* (Cat. no. 6440.0) and *Household Expenditure Survey, Australia: Detailed Expenditure Items, 2003–04* (Cat. no. 6535.0.55.001).

Appendix 1. Spatial price index, items, index numbers, May 2006

Centre	All items		Housing		All items less housing	
	Index numbers	Percentage difference from Brisbane	Index numbers	Percentage difference from Brisbane	Index numbers	Percentage difference from Brisbane
Brisbane	100.0		100.0		100.0	
Brisbane City	102.8	2.8	109.0	9.0	101.1	1.1
Caboolture	96.5	-3.5	88.7	-11.3	98.5	-1.5
Ipswich	95.0	-5.0	83.7	-16.3	98.0	-2.0
Logan	97.7	-2.3	90.6	-9.4	99.6	-0.4
Redlands	98.9	-1.1	101.6	1.6	98.2	-1.8
Atherton	97.0	-3.0	80.9	-19.1	101.3	1.3
Ayr/Home Hill	92.7	-7.3	66.2	-33.8	99.8	-0.2
Barcaldine	95.7	-4.3	63.8	-36.2	104.2	4.2
Biloela	95.0	-5.0	82.9	-17.1	98.2	-1.8
Blackall	94.4	-5.6	50.7	-49.3	106.1	6.1
Bowen	95.9	-4.1	81.7	-18.3	99.7	-0.3
Bundaberg	95.3	-4.7	81.7	-18.3	98.9	-1.1
Cairns	100.9	0.9	106.6	6.6	99.4	-0.6
Charleville	94.6	-5.4	63.9	-36.1	102.8	2.8
Charters Towers	94.8	-5.2	68.9	-31.1	101.8	1.8
Chinchilla	101.2	1.2	106.0	6.0	100.0	0.0
Cunnamulla	93.8	-6.2	53.0	-47.0	104.7	4.7
Dalby	93.8	-6.2	78.7	-21.3	97.9	-2.1
Emerald	107.5	7.5	118.8	18.8	104.4	4.4
Gladstone	95.8	-4.2	83.0	-17.0	99.3	-0.7
Gold Coast	105.1	5.1	122.0	22.0	100.5	0.5
Goondiwindi	96.2	-3.8	79.4	-20.6	100.6	0.6
Gympie	93.3	-6.7	76.9	-23.1	97.7	-2.3
Hervey Bay	96.5	-3.5	89.1	-10.9	98.5	-1.5
Hughenden	95.0	-5.0	53.7	-46.3	106.0	6.0
Ingham	90.5	-9.5	59.7	-40.3	98.8	-1.2
Innisfail	93.7	-6.3	74.8	-25.2	98.8	-1.2
Kingaroy	93.3	-6.7	78.1	-21.9	97.4	-2.6
Longreach	96.1	-3.9	69.2	-30.8	103.4	3.4
Mackay	101.8	1.8	109.9	9.9	99.7	-0.3
Mareeba	95.3	-4.7	72.7	-27.3	101.3	1.3
Maryborough	94.5	-5.5	77.1	-22.9	99.2	-0.8
Monto	90.7	-9.3	53.1	-46.9	100.8	0.8
Moranbah	123.8	23.8	195.5	95.5	104.6	4.6
Mt Isa	101.5	1.5	97.3	-2.7	102.6	2.6
Mundubbera	91.3	-8.7	58.8	-41.2	100.0	0.0
Nambour	99.3	-0.7	98.6	-1.4	99.5	-0.5
Rockhampton	95.0	-5.0	74.6	-25.4	100.4	0.4
Roma	95.4	-4.6	76.6	-23.4	100.5	0.5
St George	97.3	-2.7	72.1	-27.9	104.0	4.0
Sunshine Coast	102.5	2.5	110.3	10.3	100.4	0.4
Thursday Island	114.5	14.5	106.3	6.3	116.7	16.7
Toowoomba	97.1	-2.9	85.8	-14.2	100.1	0.1
Townsville	101.9	1.9	102.7	2.7	101.7	1.7
Wandoan/Miles	92.9	-7.1	55.6	-44.4	102.9	2.9
Warwick	94.2	-5.8	75.3	-24.7	99.3	-0.7
Whitsunday	104.8	4.8	124.3	24.3	99.6	-0.4
Winton	94.0	-6.0	45.7	-54.3	106.9	6.9



Appendix 2. Spatial price index, items, index numbers, May 2006

Centre	Food	Alcohol and tobacco	Clothing and footwear	Housing
Brisbane	100.0	100.0	100.0	100.0
Brisbane City	102.4	102.7	100.8	109.0
Caboolture	97.2	101.7	96.9	88.7
Ipswich	94.3	98.5	103.3	83.7
Logan	98.9	94.2	98.3	90.6
Redlands	92.2	96.2	97.4	101.6
Atherton	106.5	102.8	101.2	80.9
Ayr/Home Hill	103.4	103.4	94.1	66.2
Barcaldine	106.6	104.0	n.p.	63.8
Biloela	94.6	99.0	104.9	82.9
Blackall	112.6	114.2	132.6	50.7
Bowen	102.2	100.5	94.6	81.7
Bundaberg	95.4	98.9	98.4	81.7
Cairns	100.9	98.8	102.5	106.6
Charleville	115.9	102.6	n.p.	63.9
Charters Towers	106.8	101.4	115.6	68.9
Chinchilla	104.0	100.2	n.p.	106.0
Cunnamulla	112.1	117.3	n.p.	53.0
Dalby	108.7	99.6	90.4	78.7
Emerald	101.5	109.8	107.3	118.8
Gladstone	107.9	97.6	94.4	83.0
Gold Coast	101.0	99.8	100.5	122.0
Goondiwindi	106.8	102.7	102.2	79.4
Gympie	99.1	103.8	100.4	76.9
Hervey Bay	95.8	101.6	99.5	89.1
Hughenden	114.9	112.4	112.6	53.7
Ingham	103.2	102.3	91.5	59.7
Innisfail	103.7	100.0	94.4	74.8
Kingaroy	102.8	98.5	91.5	78.1
Longreach	102.2	101.3	119.7	69.2
Mackay	112.2	100.7	93.3	109.9
Mareeba	105.7	99.0	89.9	72.7
Maryborough	99.2	92.5	98.2	77.1
Monto	102.8	109.6	110.0	53.1
Moranbah	114.8	106.6	108.8	195.5
Mt Isa	106.2	103.7	88.8	97.3
Mundubbera	100.4	104.5	n.p.	58.8
Nambour	104.0	101.8	92.3	98.6
Rockhampton	108.7	96.7	103.5	74.6
Roma	107.2	102.9	103.2	76.6
St George	108.7	104.0	116.3	72.1
Sunshine Coast	103.6	101.1	93.2	110.3
Thursday Island	130.9	119.2	n.p.	106.3
Toowoomba	107.4	97.2	97.8	85.8
Townsville	104.4	100.6	99.4	102.7
Wandoan/Miles	111.9	99.9	111.1	55.6
Warwick	107.5	97.4	96.8	75.3
Whitsunday	103.5	103.7	99.0	124.3
Winton	116.1	109.7	98.5	45.7

n.p. Not available for publication but included in all items index.

Household contents and services	Health, education and communication	Transportation	Recreation	Financial and insurance services	All items
100.0	100.0	100.0	100.0	100.0	100.0
104.8	100.0	98.7	101.1	100.3	102.8
98.4	100.6	99.2	98.2	98.5	96.5
93.1	100.2	103.7	97.8	100.0	95.0
100.7	99.7	98.7	97.5	100.5	97.7
99.7	99.8	104.0	98.2	99.1	98.9
104.0	100.6	98.1	104.0	95.7	97.0
106.9	102.5	88.7	101.3	97.9	92.7
107.7	101.7	106.7	99.5	98.0	95.7
104.4	100.7	94.7	100.7	95.9	95.0
97.8	103.6	105.0	102.3	95.4	94.4
109.8	100.7	90.1	100.0	98.2	95.9
103.1	99.8	101.2	95.1	96.1	95.3
99.2	100.5	97.2	100.6	97.9	100.9
103.1	100.8	97.4	100.4	97.7	94.6
101.8	100.3	100.2	99.5	96.1	94.8
99.8	101.4	99.4	98.4	95.8	101.2
108.8	100.0	98.2	100.9	98.0	93.8
98.0	100.0	90.9	95.9	96.4	93.8
113.2	100.3	102.1	109.3	96.3	107.5
95.4	100.4	96.8	100.2	95.6	95.8
98.3	100.6	98.9	101.1	100.2	105.1
96.7	100.3	93.3	108.6	97.4	96.2
97.4	100.4	95.2	96.9	95.9	93.3
97.9	100.4	99.8	95.3	96.0	96.5
106.4	102.1	102.3	104.3	97.9	95.0
97.1	100.2	98.2	96.9	97.3	90.5
103.9	101.3	94.8	91.4	98.1	93.7
92.5	100.1	95.2	98.6	97.0	93.3
105.5	101.2	107.8	100.9	97.0	96.1
96.3	100.3	95.7	98.0	98.0	101.8
97.3	100.7	101.0	109.9	95.5	95.3
102.6	100.8	102.9	94.7	95.7	94.5
98.2	101.2	96.1	103.5	97.0	90.7
111.9	100.7	100.8	97.0	96.2	123.8
102.8	102.1	104.4	107.4	96.2	101.5
103.0	100.9	100.6	92.8	96.9	91.3
99.0	100.2	96.9	100.8	97.7	99.3
99.3	100.4	98.4	101.1	95.6	95.0
97.4	101.4	100.3	96.1	96.2	95.4
104.2	100.9	98.9	108.0	97.8	97.3
102.0	100.3	96.1	104.2	98.5	102.5
143.2	104.5	108.0	112.1	98.7	114.5
97.3	100.6	99.2	100.6	96.6	97.1
101.0	100.8	101.8	101.7	98.2	101.9
109.5	102.6	96.9	100.0	97.0	92.9
91.1	100.2	101.5	100.1	95.8	94.2
94.3	100.5	98.2	104.7	97.2	104.8
109.6	102.6	104.2	112.3	96.7	94.0

