

12 INNISFAIL TRC

The Innisfail TRC consists of the main urban centre of Innisfail, with Babinda in the north of the TRC and Cardwell to the south of the TRC. As shown in Figure 12.1 there are numerous small coastal and regional communities which comprise this TRC.

BUSINESS PROFILES

Location and Use of Ports

Table 12.1 shows the number of licence holders within the Innisfail TRC and the number of survey respondents who reported having homeports within the TRC. On the basis of the sample count, it is estimated that there are 134 commercial fishers within this TRC, with a 95% confidence interval indicating the population count for commercial fishers within the TRC to be between 113 and 155. While two-thirds of businesses are located in the town of Innisfail, businesses are also located in Mourilyan, Kurrimine, Cardwell, Tully and Tully Heads.

Table 12.1
Location of Homeports

Town	Adj. Database Count	Sample Count	Estimated Count	Percent within TRC
Innisfail	51	36	88	65.7
Mourilyan	5	5	12	8.9
Kurrimine	14	3	7	5.2
Tully	6	3	7	5.2
Cardwell	11	2	5	3.7
Tully Heads	0	2	5	3.7
Silkwood	5	2	5	3.7
Mission Beach South	0	1	2	1.5
Bingal Bay	0	1	2	1.5
Flying Fish Point	3	0	0	0.0
South Johnstone	3	0	0	0.0
Babinda	3	0	0	0.0
Mission Beach	2	0	0	0.0
Japoonvale	2	0	0	0.0
Euramo	2	0	0	0.0
Kennedy	1	0	0	0.0
Mena Creek	1	0	0	0.0
Total TRC	109	55	134	100.0

95% Confidence Interval for Estimated TRC Count 113-155
Percent of Total Active Licence Holders in QLD 5.5%

Note: Innisfail includes East Innisfail. Kurrimine includes Kurrimine Beach. Mourilyan includes Mourilyan Harbour. Adjusted database count is based on the postal address as recorded in the licencing information, which may not be the homeport of the fishing business. The adjusted database count reduces the count for latent licence holders (8.8%)
The estimated count adjusts the sample count by the sampling fraction of 2.444.

In addition to the use of Innisfail as a homeport, numerous fishing businesses used the ports of Innisfail, Mourilyan and to a lesser extent Cardwell when travelling to or from fishing areas. Table 12.2 shows the majority of these businesses having their homeports in Townsville (37%), and to a lesser extent Mackay (12%) and Bowen (12%).

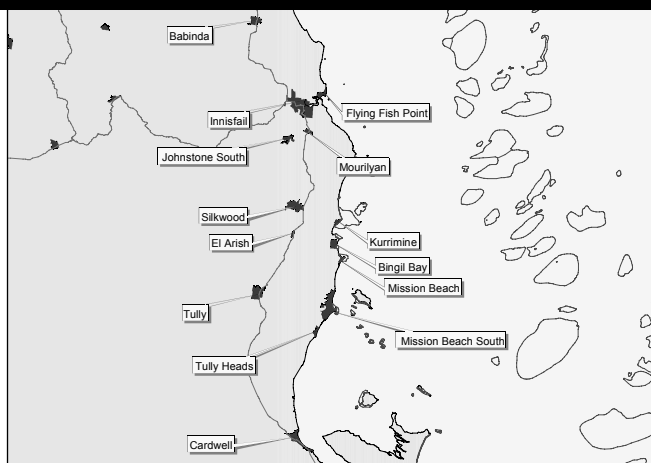


Figure 12.1 Location of the Innisfail TRC

Table 12.2
Homeports of Businesses Using Innisfail, Mourilyan and Cardwell as a Port

Homeports	Sample Count	Percent
Townsville	6	37.5
Mackay	2	12.5
Bowen	2	12.5
New South Wales	1	6.2
Mooloolaba	1	6.2
Gold Coast	1	6.2
Glen Lomond	1	6.2
Cairns	1	6.2
Amity Point	1	6.2
Total Businesses	16	100.0

Fishing Activity and Type

Table 12.3 shows the type of fishing activity undertaken within the last year by fishing businesses within this TRC. Line fishing (64%) is the primary fishing activity by businesses from homeports within this TRC, followed by trawling (40%), netting (36%) and crabbing (25%).

Table 12.3
Type of Fishing Activity (During the last 12 months)

Fishing Type	Sample Count	Percent within TRC
Line fishing	35	63.6
Trawling	22	40.0
Netting	20	36.4
Crabbing	14	25.5
Spanner Crabs	1	1.8
Total Sample	77	100.0

Note: This is a multiple response table where all rows are independent.

As shown in Table 12.4, line fishing as the primary fishing activity co-occurs with netting (40%), trawling (26%) and crabbing (23%). Trawling co-occurs primarily with line fishing (41%), while crabbing co-occurs with line fishing (57%) and netting (79%).

Table 12.4
Co-occurrence of Fishing Activities

	Line Fishing	Trawling	Crabbing	Netting	Spanner Fishing
Line fishing	35 <i>100.0</i>	9 <i>40.9</i>	8 <i>57.1</i>	14 <i>70.0</i>	0 <i>0.0</i>
Trawling	9 <i>25.7</i>	22 <i>100.0</i>	2 <i>14.3</i>	2 <i>10.0</i>	0 <i>0.0</i>
Crabbing	8 <i>22.9</i>	2 <i>9.1</i>	14 <i>100.0</i>	11 <i>55.0</i>	1 <i>100.0</i>
Netting	14 <i>40.0</i>	2 <i>9.1</i>	11 <i>78.6</i>	20 <i>100.0</i>	0 <i>0.0</i>
Spanner fishing	0 <i>9.1</i>	0 <i>0.0</i>	1 <i>7.1</i>	0 <i>0.0</i>	1 <i>100.0</i>

Note: The co-occurrence table should be read by column.
Column percentages are given as italics.

Table 12.5 shows the peak months for fishing activity within the TRC to be March to October.

Table 2.5
Peak Fishing Months During the Past 12 Months

Months	Sample Count	Percent within TRC	Percent of QLD Fishery
January	6	11.1	24.5
February	9	16.7	29.7
March	23	42.6	43.9
April	26	48.1	42.8
May	19	35.2	38.1
June	15	27.8	33.5
July	17	31.5	23.9
August	22	40.7	19.9
September	23	42.6	23.5
October	17	31.5	24.8
November	11	20.4	26.2
December	8	14.8	21.4

Table 12.6 provides a more detailed description of the seasonal variation in fishing activities by businesses. Line fishing is most common between June and November, trawling between March and October and crabbing between December and May. There is no clear seasonal pattern for netting activity although Table 12.6 suggest it may occur most commonly in February and March.

Table 12.6
Seasonal Variations in Fishing Activity

Sample Months	Percent Count	Percent of within TRC	Fishery
Line Fishing			
January	27	81.8	64.6
February	26	78.8	64.3
March	26	78.8	68.1
April	25	75.8	70.4
May	26	78.8	74.7
June	28	84.8	78.7
July	28	84.8	82.0
August	28	84.8	80.8
September	29	87.9	79.7
October	29	87.9	79.7
November	28	84.8	78.2
December	26	78.8	70.6
Trawling			
January	12	54.5	76.0
February	12	54.5	79.0
March	19	86.4	91.2
April	18	81.8	91.6
May	18	81.8	89.3
June	20	90.9	88.7
July	17	77.3	82.7
August	18	81.8	83.1
September	20	90.9	85.0
October	18	81.8	84.4
November	15	68.2	85.0
December	11	50.0	77.1
Crabbing			
January	10	71.4	74.7
February	8	57.1	79.0
March	8	57.1	75.1
April	9	64.3	69.4
May	8	57.1	67.2
June	6	42.9	58.5
July	6	42.9	52.0
August	6	42.9	50.2
September	5	35.7	53.3
October	5	35.7	59.9
November	7	50.0	66.4
December	8	57.1	72.1
Netting			
January	10	52.6	57.5
February	15	78.9	72.9
March	12	63.2	73.9
April	10	52.6	74.2
May	9	47.4	77.6
June	10	52.6	79.9
July	10	52.6	75.9
August	9	47.4	73.9
September	9	47.4	69.6
October	12	63.2	64.2
November	9	47.4	55.9
December	10	52.6	54.5

Note: Insufficient sample size for an analysis of spanner crab fishing activity.

Location of Resource Use

Figure 12.2 shows the location of resource use by commercial fishing operations in the Innisfail TRC. While the primary catchment extends from Princess Charlotte Bay in the north to coastal and reefal areas east of Cardwell in the south, there is nevertheless a northerly emphasis to the use of resource by commercial fishers within the Innisfail TRC. The secondary resource catchment extends further south to coastal and reefal areas east of Lucinda and in the north includes areas within the Torres Strait and coastal and inshore areas of the Gulf of Carpentaria.

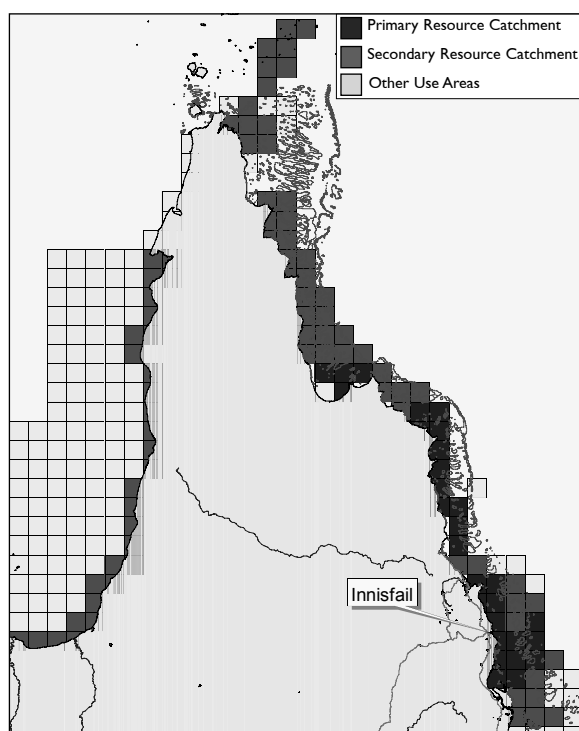


Figure 12.2 Innisfail TRC: Location of Resource Use

Fishing Industry Employees

Table 12.7 identifies the number of employees of commercial fishing businesses within this TRC for both peak and off-peak seasons. The majority of businesses within peak and off-peak seasons have only one full-time employee (which would include the owner or operator), with these businesses having little part-time or casual employment. The average number

Table 12.7. Number of Employees

Employees	Full-Time Count	Full-Time Percent	Part-Time Count	Part-Time Percent	Casual Count	Casual Percent
Peak Season						
Nil	2	3.6	50	90.9	47	85.5
1	24	43.6	3	5.4	5	9.1
2-3	14	25.5	2	3.6	2	3.6
4-5	8	14.5	0	0.0	1	1.8
6-7	3	5.5	0	0.0	0	0.0
8-9	2	3.6	0	0.0	0	0.0
10-11	1	1.8	0	0.0	0	0.0
12-13	1	1.8	0	0.0	0	0.0
14+	0	0.0	0	0.0	0	0.0
Total Businesses	55	100.0	55	100.0	55	100.0
Total Employees	153		3.5		7	
Mean Number of Employees per Business (Peak)		3.0				
Estimated Number Employed within the TRC		402				
Off-Peak						
Nil	3	5.5	51	92.7	48	87.3
1	25	45.5	2	3.6	4	7.3
2-3	14	25.5	2	3.6	3	5.5
4-5	8	14.5	0	0.0	0	0.0
6-7	1	1.8	0	0.0	0	0.0
8-9	3	5.5	0	0.0	0	0.0
10-11	2	3.6	0	0.0	0	0.0
12-13	1	1.8	0	0.0	0	0.0
14+	0	0.0	0	0.0	0	0.0
Total Businesses	55	100.0	55	100.0	55	100.0
Total Employees	134		3		5.5	
Mean Nos Employees per Business (Off-Peak)		2.6				
Estimated Number Employed within the TRC		348				

Note: Part-time and casual employment is recorded as 0.5 when contributing to total employment.
Total number of employees includes the owner-operator and is the number of full-time equivalent employees.
Estimates of total employment based on an estimated 134 fishing businesses (Table 12.1)

of employees per business during the peak season was 3.0 and in the off-peak season it was 2.6. In total, it is estimated that during the peak season there were 402 full-time equivalent employees while during the off-peak season there were an estimated 348 full-time equivalent employees.

Business Ownership and Size

Table 12.8 shows the number of years the current owner or operator has owned the fishing business. On average, businesses within this TRC had been owned for an average of 15.6 years, with 47% of businesses being owned by the current owner for less than 10 years. The distribution shown in Table 12.8 is interesting insofar as the distribution peaks at 1-10 years, 16-20 years and over 26 years.

Table 12.8
Number of Years of Current Ownership of the Fishing Business

Number of Years	Sample Count	Percent within TRC	Cumulative Percent
1-5	17	32.1	32.1
6-10	8	15.1	47.2
11-15	5	9.4	56.6
16-20	7	13.2	69.8
21-25	2	3.8	73.6
26-30	6	11.3	84.9
31+	8	15.1	100.0
Total	53	100.0	

Mean Number of Years owned or operated	15.6
Difference of TRC mean to QLD mean (14.6)	+1.0

Note: Standard errors for number of years ownership (sample = 1.7; QLD population = 0.37).

The average number of years the business had been operating was 18.5 years (Table 12.9), which was similar to that for all Queensland fishing businesses (18.2 years).

Table 12.9
Number of Years Business has been Operating

Number of Years	Sample Count	Percent within TRC	Cumulative Percent
1-5	14	29.2	29.2
6-10	4	8.3	37.5
11-15	5	10.4	47.9
16-20	8	16.7	64.6
21-25	2	4.2	68.8
26-30	6	12.5	81.3
31+	9	18.7	100.0
Total	48	100.0	
Mean Number of Years owned or operated			18.5
Difference of TRC mean to QLD mean (18.2)			+0.3

Note: Standard errors for number of years operated (sample = 2.1; QLD population = 0.46)

Table 12.10 shows that the majority of fishing businesses within this TRC operated one boat (69%).

Table 12.10
Number of Boats Operated by Fishing Businesses

Number of Boats	Sample Count	Percent within TRC
1	38	69.1
2	8	14.5
3	6	10.9
4	2	3.6
5	1	1.8
Total Number of Businesses	55	100.0
Mean Number of Boats Operated		1.5
Difference of TRC mean to QLD mean (1.7)		-0.2

Note: Standard errors for number of boats operated (sample = 0.1; QLD population = 0.05)

The majority of boats (60%) operated by businesses within this TRC were less than 10 metres in length (Table 12.11).

Table 12.11
Length of Boats Operated by Fishing Businesses

Length of Boat (metres)	Sample Count	Percent within TRC
3-6	23	27.7
7-10	27	32.5
11-14	18	21.7
15-18	13	15.7
19-23	2	2.4
23+	0	0.0
Total Number of Boats	83	100.0
Mean Length of Boats Operated (metres)		10.1
Difference of TRC mean to QLD mean (9.9)		+0.2
Mean Length of Largest Boat Operated (metres)		10.6
Difference of TRC mean to QLD mean (11.4)		-0.8

Note: As mean length of boats is a multiple response, standard errors cannot be computed. Standard errors for mean length of largest boat (sample = 0.5; QLD population=0.14)

Value of Production and Location of Sales

Table 12.12 shows for the 12 months prior to the survey, the wholesale value of all products sold by fishing businesses within the Innisfail TRC. The profile for the Innisfail TRC is markedly different to the overall profile for Queensland. In the Innisfail TRC there is a significantly higher percentage of businesses with production values less than \$100,000 per annum (53%) when compared to Queensland (43%). In addition, the median GVP for the Innisfail TRC is somewhat lower than the Queensland average.

Within the Innisfail TRC it is estimated that the 134 fishing businesses had a gross value of production of approximately \$12.6 million, which is approximately 4% of the total value of production of the Queensland commercial fishing industry.

Table 12.12
Wholesale Value of Product (Annual value)

Wholesale Value (\$,000)	Sample Count	Sample Percent	Queensland Percent
Less than \$100	29	52.7	42.8
\$101 - \$200	8	14.5	21.4
\$201 - \$300	5	9.1	16.2
\$301 - \$400	7	12.7	8.5
\$401 - \$500	2	3.6	3.8
\$501 - \$600	0	0.0	1.8
\$601 - \$700	0	0.0	1.3
\$701 - \$800	0	0.0	0.4
\$801 - \$900	1	1.8	1.0
\$901 - \$1,000	0	0.0	0.3
Over \$1,000	3	5.5	2.3
Total	55	100.0	100.0
Median GVP for TRC			\$94,110
Estimated Total GVP for TRC			\$12,611,000
Median GVP for QLD Population			\$128,629
Estimated Total GVP for QLD Population			\$314,241,000
Percent of Total Queensland Production			4.0%

Note: Estimated TRC population total is based on an estimate of 134 businesses within the TRC, with a median GVP of \$94,110. Queensland total GVP based on 2,443 businesses (2,679 licenced businesses with 8.8% latency) with a median GVP of \$128,629.

Table 12.13 shows the value of sales to specific locations within Australia for the sample of 53 businesses and the percentage of sales to each location. The sample percent of sales to each location has been used directly to estimate the total value of business sales to all locations. From Table 12.13, and as shown in Figure 12.3, 28% of sales (\$3.5 million) occur directly to Cairns, \$2.1 million to Innisfail, while a further \$5.2 million was reported as being sold to overseas markets. It is probable that much of the sale to overseas markets occurred firstly within Cairns and to a lesser extent Innisfail, thereby increasing the total value of sales within Cairns and Innisfail.

Table 12.13
Town Location of Sales (\$'000)

Location of Sales	Sample Value of Sales	Percent of Sample	Estimated Sales
Cairns	3,422	27.8	3,506
Innisfail	2,136	17.4	2,194
NSW	336	2.7	340
Townsville	296	2.4	303
Brisbane	206	1.7	214
Bundaberg	171	1.4	177
South Mission Beach	98	0.8	101
Karumba	41	0.3	38
Tully	35	0.3	38
Ayr	32	0.3	38
Gold Coast	32	0.3	38
Mackay	32	0.3	38
Mission Beach	32	0.3	38
Proserpine	23	0.2	25
Cardwell	6	0.1	13
Kurrimine Beach	4	0.1	13
Total Sales (Australia)	6,902	59.0	7,440
Total Sales (Overseas)	5,382	41.0	5,171
Total Sales	12,284	100.0	12,611

Note: The sample value of sales is based on GVP as reported by businesses in the survey. The estimated value of business sales (Table 12.12) is proportionally distributed to all locations on the basis of sample percentages.

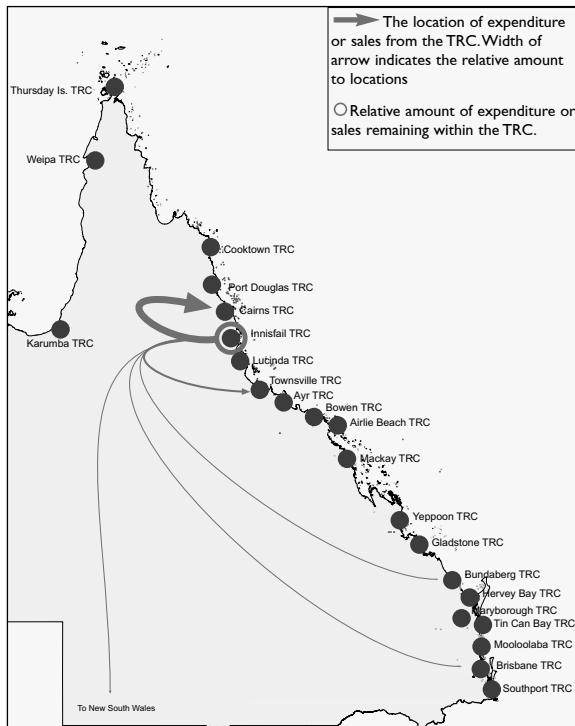


Figure 12.3 Innisfail TRC: Location of Business Sales

Business Expenditure and Debt Levels

Table 12.14 shows that approximately \$6.6 million was spent by businesses in this TRC within the previous year on business goods and services (excluding salaries and wages). The majority of this expenditure (Figure 12.4) occurred in the towns of Innisfail (\$3.4 million) and Cairns (\$2.7 million).

Table 2.14
Town Location of Business Expenditure (All costs, excluding salaries and wages)

Location of Expenditure	Sample Value of Expenditure (\$'000)	Percent of Sample	Estimated Expenditure (\$'000)
Innisfail	3,334	51.5	3,384
Cairns	2,616	40.4	2,654
Mourilyan	160	2.5	164
Brisbane	155	2.4	158
Bribie Island	33	0.5	33
Bundaberg	33	0.5	33
Gladstone	33	0.5	33
Tully	26	0.4	26
Cardwell	24	0.4	26
Ingham	23	0.3	20
Karumba	11	0.2	13
Normanton	11	0.2	13
NSW	4	0.1	7
Townsville	2	0.1	7
Kurrimine Beach	1	0.1	7
Lucinda	1	0.1	7
Yeppoon	1	0.1	7
Total Expenditure	6,468	100.0	6,570

Note: Business expenditure includes all non labour expenditure (ie., fuel, equipment, repairs etc) Coefficients from the QLD input-output table for 1992-1993 indicate that expenditure on local intermediate purchases and imports, accounted for 52.1% of total revenue. The amount of business expenditure occurring within specific locations is based on 52.1% of the estimated GVP for the business.

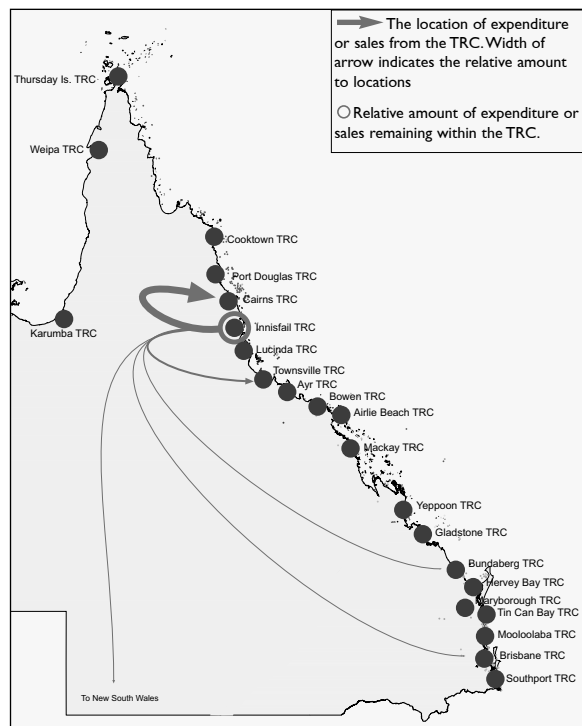


Figure 12.4 Innisfail TRC: Location of Business Expenditure

Asking each business operator, what percentage of their business assets were not owned outright by their business, identified for the purpose of this study the level of business debt. Table 12.15 shows that 60% of businesses within the Innisfail TRC had no debt. The mean debt level within the TRC was 19% of business assets which is similar to that of the industry throughout all Queensland fishery businesses.

**Table 12.15
Business Debt Levels**

Percent of Assets Not Owned	Sample Count	Sample Percent	Queensland Percent
Nil	29	60.4	60.1
1 – 10%	0	0.0	6.4
11 – 20%	3	6.2	5.2
21 – 30%	4	8.3	6.4
31 – 40%	0	0.0	3.3
41 – 50%	7	14.6	9.6
51 – 60%	1	2.1	1.8
61 – 70%	0	0.0	1.2
71 – 80%	1	0.0	1.1
81 – 90%	1	2.1	1.6
91 – 100%	2	4.2	3.3
Total	48	100.0	100.0

Mean Debt Level for TRC	19.4%
Median Debt Level for QLD Population	16.6%
Difference of TRC Mean to QLD Mean (16.6)	2.8%

Note: Debt level defined as the percentage of total business assets not owned outright by the business.

EMPLOYEE PROFILES

Town of Residence

Table 12.16 indicates that the majority of employees reside within the towns of Innisfail (52%) and Tully (11%) within this TRC.

**Table 12.16
Town of Residence**

Town of Residence	Sample Count	Percent of Sample
Innisfail	42	51.9
Tully	9	11.1
Kurramine Beach	8	9.9
Mourilyan	6	7.4
Silkwood	6	7.4
Cardwell	5	6.2
Babinda	1	1.2
El Arish	1	1.2
South Mission Beach	1	1.2
Tully Heads	1	1.2
Wangan	1	1.2
Total	81	100.0

Note: Mourilyan includes Mourilyan harbour.

Months Employed in the Fishing Industry

Table 12.17 shows that during the past 12 months the majority of owner/operators and employees within this TRC were employed in the fishing industry between March and November, while employees were more likely to be employed in the months May to October. What is apparent in Table 12.17 is the relatively low level of owner/operator and employee activity in the fishing industry between December and February.

**Table 12.17
Months Employed in the Fishing Industry During the Past 12 Months**

Months	Owner/Operators	Employee	Total Within TRC	All QLD Employees
January	82.7	58.3	75.0	80.7
February	84.6	66.7	78.9	82.3
March	96.2	66.7	86.8	86.1
April	96.2	70.8	88.2	86.8
May	94.2	75.0	88.2	87.3
June	96.2	75.0	89.5	87.8
July	98.1	75.0	90.8	86.7
August	90.4	70.8	84.2	86.3
September	94.2	79.2	89.5	86.8
October	94.2	75.0	88.2	85.4
November	90.4	66.7	82.9	84.4
December	86.5	62.5	78.9	82.3

Note: Owner/operator sample of 52; employee sample of 24.

Location of Household Expenditure

Table 12.18 and Figure 12.5 show the location of household expenditure related to individual income derived from employment in the fishing industry. Innisfail attracts 77% (\$6.2 million) of all annual employee household expenditure, with relatively less expenditure to the towns of Tully (\$0.8 million), Cairns (\$0.5 million) and Cardwell (\$0.2 million).

**Table 12.18
Town Location of Household Expenditure (all commodities and services)**

Location of Household Expenditure	Sample Value of Expenditure (\$'000)	Percent of Sample	Estimated Value (\$'000)
Innisfail	1,279	76.9	6,279
Tully	153	9.2	751
Cairns	102	6.1	498
Cardwell	46	2.8	229
Ingham	42	2.5	204
Townsville	22	1.3	106
Silkwood	12	0.7	57
Babinda	4	0.2	16
Cooktown	4	0.2	16
Total Expenditure	1,664	100.0	8,165

Note: The gross individual annual income of fishers within this TRC was estimated as \$33,391 (Table 2.20). The Household Expenditure Survey for Queensland: 1993-1994 (ABS, 1996) indicates that for households in non-metropolitan areas 79% of gross weekly income was related to commodity and service purchases. Furthermore, of the total expenditure on commodities and services purchased by households, Queensland Input-Output tables indicate that 77% of expenditure occurs within Queensland, with the balance contributing to taxes and imports from outside Queensland. Applying these percentages to the gross individual annual income of employees indicates that direct employee expenditure on household commodities and services to be \$20,312, with total household expenditure across all 402 (Table 12.7) employees to be \$8 million (Table 12.18)

School and Employment Locations of Family Members

The towns in which family members attend school and are employed are shown in Table 12.19. As might be expected, Innisfail (59%) is the primary town location for school and employment, followed by Tully (7%) and Silkwood (7%)

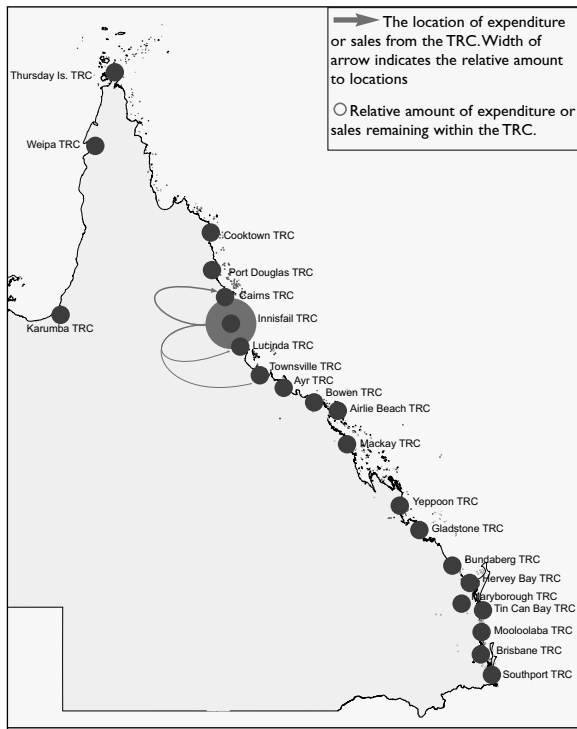


Figure 12.5 Innisfail TRC: Employee Household Expenditure

Table 12.19 School and Employment Locations of Family Members

Location of Employment	Sample	Percentage	Innisfail
97	59.1		
Tully	12	7.3	
Silkwood	11	6.7	
Kurramine Beach	9	5.5	
Cardwell	9	5.5	
Mourilyan	5	3.0	
Cairns	3	1.8	
Townsville	2	1.2	
Gladstone	2	1.2	
Other towns and interstate	9	14.4	
Total Family Members	164	100.0	

Note: Counts and percentages based on all family members.
Mourilyan includes Mourilyan harbour.
Other towns includes all towns with a frequency of one.

Employee Social and Demographic Profiles

Table 12.20 provides profile information about employees within the TRC. Information is provided separately for owner-operators and non owner-operator employees of businesses within the TRC. For comparative purposes, information is also provided for all employees throughout Queensland.

Table 12.20. Owner-Operator and Employee Profiles

Profile	Owner/ Operators ^a	Employee	Total Within TRC	All QLD Employees
Estimated Number of Employees ^b	134	268	402	7,088
Mean age of fisher	45.9	40.4	44.0	37.3
Age range	24-72	18-77	18-77	15-79
Percent males	96.3	92.6	95.1	94.8
Mean years resident in town	21.3	22.7	21.7	19.1
Mean number of years in fishing industry	21.7	11.3	18.3	12.6
Median hours per week in fishing industry	64.6	62.0	63.9	60.0
Percent moved town to retain employment	17.0	14.8	16.3	20.5
Percent currently employed in other industry	26.4	63.0	38.8	34.2
Percent previously employed in other industry	82.7	66.7	77.2	69.2
Housing tenure				
Rent	20.4	11.1	17.3	33.6
Mortgage	22.2	14.8	19.8	20.1
Own home	53.7	51.9	53.1	31.1
Other (eg, live with parents, on boat)	3.7	22.2	9.2	15.2
Educational				
Year completed school				
Primary school	11.1	14.8	12.3	5.2
Year 8	13.0	3.7	9.9	8.0
Year 9	16.7	7.4	13.6	11.9
Year 10	33.3	33.3	33.3	44.4
Year 11	14.8	11.1	13.6	10.1
Year 12	11.1	29.6	17.3	20.2
Percent completed trade or TAFE certificate	41.5	33.3	38.8	37.7
Percent completed industry or business course	20.4	11.1	17.3	15.2
Percent with business plan ^c	29.4	—	29.4	22.9
Percent active fishing group member	45.3	11.1	33.8	25.7
Marital Status				
Percent married or relationship	81.5	74.1	79.0	62.0
Percent with partner employed in business ^d	59.1	—	59.1	56.1
Median hours per week employed in business	20.0	—	20.0	20.0
Partners Income^{de}				
Full-time employment	36.4	20.0	31.3	28.3
Part-time employment	22.7	10.0	18.8	18.5
Casual employment	11.4	10.0	10.9	11.6
Not employed	29.5	60.0	39.1	41.5
Family Composition				
Mean family size	3.4	2.6	3.2	2.6
Estimated number of total family members	456	697	1,153	18,429
Dependency Ratios				
Age Dependency Ratio ^f	33.7	39.2	35.3	33.4
Elderly Dependency Ratio	4.3	7.8	5.3	2.3
Child Dependency Ratio	29.4	31.3	30.0	31.2
Family Member Industry Dependency Ratio ^g	37.5	10.3	31.2	23.9
Gross Individual Income				
Less than \$16,000	20.4	50.0	29.0	34.6
\$16,000 - \$26,000	18.4	15.0	17.4	19.6
\$26,000 - \$36,000	22.4	20.0	21.7	22.1
\$36,000 - \$52,000	14.3	5.0	11.6	11.7
\$52,000 - \$78,000	4.1	5.0	4.3	6.6
Over \$78,000	20.4	5.0	15.9	5.4
Average Income (\$)	37,714	22,800	33,391	27,471

Note: ^a Owner/operator sample of 54, employee sample = 27.

^b Based on peak estimates derived in Table 12.7.

^c Percentages for owner-operators only.

^d Percentage based on those fishers with partners.

^e Includes partners income from all sources.

^f The age dependency ratio is the number of children (below 15 years) and elderly persons (above 65 years) to every 100 persons in the population

^g The industry dependency ratio is the number of persons in the family who are over 15 years of age and working in the fishing industry (excluding the direct industry employee) as a proportion of all family members over 15 years of age.

All Queensland employees includes all owner-operators and employees. Value is the weighted sample of owner-operators (2.43) and employees (8.68).