

Response to the Productivity Commission Review of TCF Assistance

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Part A Response

In the review document the there was criticism of the submission from the City of Wangaratta, particularly in terms of the economic model used (Review, Page 55). The modelling part of the submission was developed using REMPLAN modelling software and an input-output model of the local government area supplied by the Centre for Sustainable Regional Communities, La Trobe University, Bendigo. Three issues were raised:

- (i) the effects on consumption were overstated,
- (ii) beneficial regional effects were ignored, and
- (iii) some gains would come from new employment.

1. The effects on consumption are overstated

The assumption underlying the impact assessment was that if output falls, consumption will fall proportionately and that economic behaviour is symmetrical whether output rises or falls. The Productivity Commission is correct is stating that such an effect may be diminished if displaced employees draw on employee entitlements and past savings to at least allow a modest level of consumption to continue. It is also possible that displaced workers may draw on welfare support in the short, medium or long term, a point for concern rather than celebration. If however some displaced workers leave the district in the longer term then the full consumption effect will be felt for this group of people. On this basis it could be argued that the consumption effect outlined in the initial modelling was overstated. The next issue is to determine the extent to which the consumption effect has been overstated and how this influences the previous findings.

The issue of employee entitlements has been discussed (Review pp115-121) with a number of examples of unrecovered worker entitlements. It appears that the more generous the agreed entitlement, the less is the chance that these will be paid if the company stops trading. As such it would be optimistic to imagine that workers will be able to survive for long by drawing down entitlements. The outlook for those displaced workers forced to live off the Newstart allowance is bleak. Average weekly wages for all TCF workers (Review p 169) was \$670 per week (\$27,485 pa after tax). The Newstart allowance ranges form \$380 per fortnight for a single adult

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(\$9,880 pa) to \$411 for a single adult with children (\$10,686 pa) or 38% of the average after-tax wage.

To counter criticisms that the consumption effects were overstated, it was decided allow for a 50% reduction in negative consumption behavior which is well above the effect of those going on welfare and/or facing an unknown employment future and makes no allowance for workers forced to leave the region. To achieve this, the consumption coefficients in the model were halved and the effects were remodelled. The changes in output resulting from these changes are set out in Table 1 below.

Regional Output, Wangaratta.						
		Initial	Industrial	Consumption	TOTAL	
		Effect	Effect	Effect	EFFECT	
		\$m	\$m	\$m	\$m	
Scenario	Original modelling	-12.480	-5.721	-5.372	-23.573	
1.	of initial loss of 100					
	TCF jobs with full					
	consumption					
	coefficients					
Scenario	As with Scenario 1	-12.480	-5.721	-2.242	-20.443	
2.	but with halved					
	consumption					
	coefficients					

Table 1. Modelling results from initial loss of 100 jobs incorporating full and halved consumption coefficients

Following the adjusted consumption effects it can be seen that loss of total output has been reduced by \$3.143m or by 13% down to \$20.443m. The differences to employment following the adjusted consumption effect are set out in Table 2.

Regional E	mployment, Wangaratta				
		Initial	Industrial	Consumption	TOTAL
		Effect	Effect	Effect	EFFECT
		Jobs	Jobs	Jobs	Jobs
Scenario	Original modelling	-100	-50	-50	-200
1.	of initial loss of 100				
	TCF jobs with full				
	consumption				
	coefficients				
Scenario	As with Scenario 1	-100	-50	-21	-170
2.	but with halved				
	consumption				
	coefficients				

Table 2. Modelling results from initial loss of 100 jobs incorporating full and halved consumption coefficients.

Following output, the number of jobs lost to the region has fallen by 29 or 15% to a total loss of 170 jobs as a result of a loss of 100 jobs in the TCF sector as opposed to the original claim of a loss of 200 jobs. Detailed modelling results are set out in Appendix 1.

The inclusion of lower consumption coefficients into the model has certainly diminished the total result. The extent of this change on regional output and employment has been estimated to be between 13% and 15%. As already noted, this should not be a cause for celebration as the region is still left with a severe set of consequences. Apart from imposing costs on the welfare system any changes to TCF output will also impose serious costs and hardships on the individuals caught up in this process.

The reduction of the negative consumption effect still fails to counter the original claim that the effects of tariff reductions and consequent loss of jobs in the TCF sector will result in the imposition of severe effects on the regional economy as any reductions in output and employment flow through to other industry sectors.

2. Beneficial regional effects of tariff cuts ignored

The example given (Review p 55)

.., for example – regional furniture manufacturing and associated investment would receive a boost from lower tariffs.

The remarks were directed particularly at the Wangaratta case so a specific response is warranted. In August 2001, the furniture industry in Wangaratta employed 20 workers with an estimated output of \$1.998m. In comparison the TCF sector employed 785 workers with an estimated output of \$98.486m. Local purchases of textile products by furniture makers were estimated to be 2.17% of output or \$43,000 annually (estimates extracted from REMPLAN). Savings on the cost of purchases under a lower tariff regime and consequent additions to output would not be expected to be profound in the Wangaratta region with an estimated additional output of just \$2,134.

Beneficial regional effects for all other industry sectors arising out of tariff cuts certainly can be modelled using input-output models such as REMPLAN but these effects need to be fed into the model. The advantage of this approach is that such effects are not determined by nationally formulated assumptions which may or may not be relevant to the region under scrutiny at the time of the investigation. Once such effects are defined and quantified they can then be fed into the model and the flow-on effects calculated.

The present proposal is to reduce tariffs in the TCF sector from an average of 15% to 5%. For the purpose of the exercise it has been assumed that as a result of the relative "stickiness" of prices in oligopolistic industry structures, a 10% fall in TCF prices could be expected to lead to no more than a 5% fall in prices to other industry sectors. For convenience a price elasticity of 1 was assumed so that a 5% fall in prices would lead to a 5% increase in the quantity demanded. The effect of lower input costs on final prices would then depend on the proportion of TCF inputs used by each of the particular industry sectors.

Results of the modelling on output under Scenario 2 (with lowered consumption coefficients) are set out in Table 3. Because the effects of Scenario 3 (including the beneficial effects) were positive, full consumption effects were used to calculate any benefits of lower input prices. It can be seen that the overall result was a reduction of the loss to the region of \$668,000 (3.3%) with a modified net loss for the region of \$19.775m as opposed to the previous loss of \$20.443m. The reality is that Wangaratta does not have a particularly diverse economy and the use of TCF inputs is at best very modest, a feature likely to be shared in many regional economies but not necessarily evident in national modelling.

Regional C	Output, Wangaratta				
		Initial	Industrial	Consumption	TOTAL
		Effect	Effect	Effect	EFFECT
		\$m	\$m	\$m	\$m
Scenario	As with Scenario 1	-12.480	-5.721	-2.242	-20.443
2.	but with halved				
	consumption				
	coefficients				
Scenario	Results of a 5% fall	0.373	0.143	0.159	0.668
3.	in price of TCF				
	inputs to all other				
	sectors using full				
	consumption				
	coefficients*				
	Net effect	-12.107	-5.578	-2.083	-19.775

Table 3. The net effect on regional output of an initial loss of 100 TCF jobs

Table 4 sets out how lowered TCF input prices affected the employment across other industry sectors. Gains from lower TCF prices amounted to 5.3 extra jobs and the number of jobs lost due to tariffs was reduced from 170 to 165 (3.1%).

Regional E	mployment, Wangaratta				
		Initial	Industrial	Consumption	TOTAL
		Effect	Effect	Effect	EFFECT
		Jobs	Jobs	Jobs	Jobs
Scenario	As with Scenario 1	-100	-50	-21	-170
2.	but with halved				
	consumption				
	coefficients				
Scenario	Results of a 5% fall	2.7	1.1	1.5	5.3
3.	in price of TCF				
	inputs to all other				
	sectors*				
	Net Effect	-97.3	-48.9	-19.5	-164.7

Table 4. The net effect on regional employment of an initial loss of 100 TCF jobs.

Hospitality, health and retail trade are sectors that have been identified by the Commission as users of textile inputs. Details of the direct effect on industry sectors are set out in Appendix 2. The size of inputs from the TCF has been calculated using local output figures and national input coefficients. Such a calculation will cover purchases of TCF inputs from within Australia but will not capture any imported TCF inputs. Such imports would be expected to be very small for the Wangaratta region.

The benefits of falling prices of TCF inputs in Wangaratta have proven to be slight. The overall position that there would be serious flow-on effects from any loss of employment in the TCF sector in Wangaratta still holds after allowing for reduced consumption effects and for benefits of lower prices for TCF inputs into other sectors. These latter effects have certainly modified the position but even under the modified assumptions it can be stated that for the loss of 100 TCF jobs, there will be a loss of a further 61 jobs in the region. As such, any significant changes imposed on this sector will have a substantial effect on the region in terms of output and employment over and above any beneficial effects which appear to insubstantial.

3. Some gain in local employment

The purpose of the modelling exercise was to measure the economic impact of changes to TCF tariffs over a number of possible scenarios. Any exogenous increase in regional employment is not relevant to that aim. It is interesting to note that the Commission argues this point (Review p46) when it is responding to the case put by Geelong:

This is not to deny, however that even better (employment) results might have been achieved if that sector (the TCF sector) had not declined.

This is of course the point; any improvement in an unrelated industry sector will not appear in any type of economic modelling if it is exogenous and unrelated to the conditions being modelled. Such an improvement would otherwise be expected to lower unemployment rates rather than soak up any losses due to tariff reductions in the TCF sector.

CONCLUSION

- 1. Productivity Commission arguments regarding exaggerated consumption effects have been incorporated into the model. When consumption coefficients were halved (a very cautious position under a scenario of widespread unemployment) modelling results for output and employment were 13% to 15% lower. Even so, the modifications failed to undermine the initial position that the loss of TCF jobs in Wangaratta would have serious flow-on effects in the region. A modified set of results is set out in the revised submission following.
- 2. The beneficial effect of lower TCF on input prices for all other sectors in the region proved to be very modest (\$670,000 and 5 jobs) and again failed to negate the initial position.
- 3. Benefits and jobs gained from exogenous or external effects should not be factored into a study of the impacts of tariff changes in the TCF sector. These benefits would have otherwise lowered the level of unemployment in the region or brought more workers into the region.

Part B. The Modified Submission

1. The significance of the TCF sector in Wangaratta

Estimated output for the TCF sector is \$98.406m. Details are set out in Figure 1.

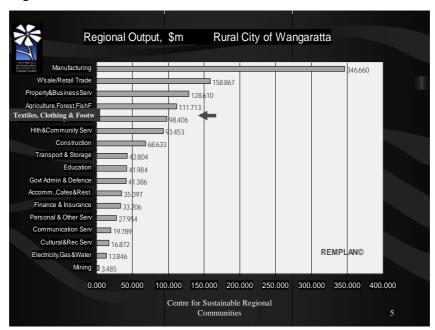


Figure 1. Output by industry sector in Wangaratta.

As set out in Table 5, the TCF sector is responsible for 7.67% of all output, 6.32% of all wages and salaries and 7.3% of all employment. The fact that it generates 17.39% of regional exports marks it as a key economic driver for the region.

TOTAL OUTPUT	\$98.406m (7.67%)
TOTAL INCOME (wages & salaries)	\$20.268m (6.32%)
EMPLOYMENT	785 (7.30%)
EXPORTS OUT OF REGION	\$83.791m (17.39%)
IMPORTS INTO REGION	\$33.932m (10.67%)
VALUE ADDED TO GRP REMPLAN©	\$31.238m (5.26%)

Table 5. Details of the TCF sector in Wangaratta

Details of manufacturing output are provided in Figure 2. It can be seen that the TCF sector is responsible for 28% of all manufacturing in the region. As such any change in this sector will have a significant impact on the region.

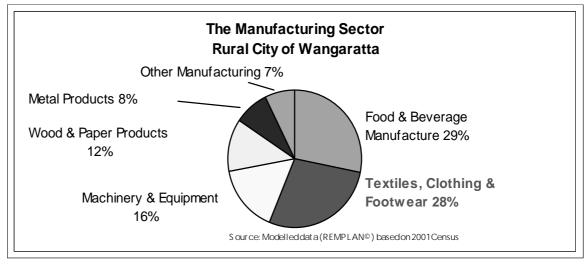


Figure 2. Composition of the manufacturing sector in Wangaratta

2. The economic impact of changes to the TCF sector

A number of scenarios were modelled to assess the likely impacts of changes to the TCF sector on the Wangaratta regional economy. This round of modelling included a halving of the consumption effect through the halving of the consumption coefficients and the factoring in of

benefits arising out of lower TCF input prices for other sectors as discussed above. Details of the revised modelling are set out in Table 6. This latter change assumed a drop in tariffs from 15% to 5%, unitary price elasticity (=1.00) and a 5% drop in the price of TCF inputs for other industry sectors as outlined in Part 1 of this submission. The results of modelling the modified scenarios continue to show a serious impact of any reductions in the TCF sector in Wangaratta. In scenario 1, a drop in output of \$12.480m leads to a total loss of \$20.443m in the region. Job losses amount to an initial loss of 100 jobs but this increases to 170 jobs in the region (1.58% of the workforce) once the flow-on effects are taken into account.

To better understand the impact of the sector on the Wangaratta regional economy the technique of "hypothetical extraction" was adopted under Scenario 3 in Table 6. This indicates that the sector generates an initial \$98.400m in output and 785 jobs. This increases to \$161.188m in regional output and 1,344 jobs making up 12.49% of the workforce once the flow-on effects are taken into account.

REMPLAN©	OUTPUT \$m			EMPLOYMENT			
SCENARIO							
	Initial	Flow-on	Total	Initial	Flow-on	Total	% Workforce
	Change	effects	Effect	Change	effects	Effect	
1: Loss of 100	-\$12.480	-\$7.963	-\$20.443	-100	-70	-170	-1.58%
TCF jobs							
2: Loss of 500	-\$62.700	-\$55.734	-\$102.708	-500	-356	-856	-7.96%
TCF jobs							
3: Loss of 785	-\$98.400	-\$62.788	-\$161.188	-785	-559	-1344	-12.49%
TCF jobs							
4: Gain of 50	\$6.240	\$3.982	\$10.222	50	35	85	0.79%
TCF jobs							
5: Gain of 100	\$12.480	\$7.963	\$20.443	100	70	170	1.58%
TCF jobs							

Table 6. Details of revised modelling, Scenarios 1 to 5.

CONCLUSION

The TCF sector is a key economic driver in the Wangaratta economy, even after the recent loss of Yakka Pty Ltd. The sector still generates 7.3% of employment directly and 12.49% indirectly. Any cutbacks resulting from changes to tariffs will have serious regional consequences. Other attempts have been made to model broader regions but these tend to average out the effects and gloss over the severe impacts on areas such as Wangaratta, Geelong, Wodonga and Bendigo. Regional impact analysis of possible cutbacks in TCF output in Wangaratta suggests that once the analysis drills down to a particular local area, more serious consequences emerge. It should be noted that previous criticisms of the regional modelling process have been met and while the claimed impacts are smaller, the same overall conclusions can still be maintained. Claims and hopes that industry sectors which benefit from lower inputs associated with TCF inputs (e.g. furniture & hospitality) have been dashed for regions such as the one under scrutiny where it is expected that only five additional jobs will be generated across all other industry sectors. A serious problem associated with the modelling of change in the TCF sector is the difficulty of predicting just where the burden of tariff cuts will fall given the "lumpiness" inherent in adjustments of this kind. For this reason, a number of scenarios have been explored.

When the costs to regional and local economies are lined up against the proposed national benefits of tariff cuts, it is difficult to remain complacent. National modelling results (Review, Appendix E) suggest that the economic benefits will come in the form of very modest or no growth in GDP and no change or even a loss in real consumption and investment in Australia. Gains will be expected through falling exchange rates and 7% increases in export and import volumes. The outcome will be the creation of regional imbalance where areas linked to exports such as minerals will gain in trade and those associated with TCF activity will bear the costs of change. This raises another concept of "equity" which is the one of *regional equity*. If change can be genuinely justified, and if some regions or areas are expected to bear the burden of this change, then there is a clear responsibility for assistance at the regional level.

Assistance to negatively affected areas in the form of aiding the implementation of new technologies appears more palatable than the baling out of affected communities after the event but both forms of assistance may be required. Just as former employees will need assistance with issues of support and mobility, many communities will require assistance to help the process of defining their strategic position, planning their future directions and attracting investors able and willing to participate in these changes.

Appendix 1. Modelling Results

Orginal modelling- initial loss of 100 jobs

Wangaratta Rural City		ECONOMIC I	MPACT	
	OUTPUT	\$m		
FILL IN EXPECTED ANNUAL	CHANGE	S IN OUTPU	TTABLE	
(Final Demand Column)	\$m			
	Final	Industrial	Consumpn	Total
SECTOR	Demand	Effect	Effect	
Textiles, Clothing, & Footw	-12.480	-1.071	-0.086	-13.637
Agriculture,Forest,FishF	0.000	-1.547	-0.197	-1.744
Mining	0.000	-0.002	-0.003	-0.005
Manufacturing	0.000	-0.654	-0.760	-1.414
Electricity,Gas&Water	0.000	-0.109	-0.116	-0.225
Construction	0.000	-0.016	-0.014	-0.030
W'sale/Retail Trade	0.000	-0.934	-1.404	-2.339
Accomm.,Cafes&Rest.	0.000	-0.168	-0.342	-0.510
Transport & Storage	0.000	-0.417	-0.167	-0.585
Communication Serv	0.000	-0.100	-0.120	-0.220
Finance & Insurance	0.000	-0.109	-0.251	-0.360
Property&BusinessServ	0.000	-0.480	-1.087	-1.567
Govt Admin & Defence	0.000	-0.035	-0.029	-0.064
Education	0.000	-0.022	-0.150	-0.172
HIth&Community Serv	0.000	-0.010	-0.294	-0.304
Cultural&Rec Serv	0.000	-0.016	-0.156	-0.172
Personal & Other Serv	0.000	-0.030	-0.196	-0.225
Households	0.000			
TOTAL	-12.480	-5.721	-5.372	-23.573

		ECONOMIC	IMPACT	
INCOME	(Househo	old)	\$m	
\$m				
	Final	Industrial	Consumpn	Total
SECTOR	Demand	Effect	Effect	
Textiles, Clothing, & Footw	-2.570	-0.221	-0.018	-2.809
Agriculture,Forest,FishF	0.000	-0.159	-0.020	-0.179
Mining	0.000	0.000	0.000	0.000
Manufacturing	0.000	-0.105	-0.122	-0.227
Electricity,Gas&Water	0.000	-0.014	-0.015	-0.028
Construction	0.000	-0.003	-0.003	-0.006
W'sale/Retail Trade	0.000	-0.307	-0.461	-0.767
Accomm.,Cafes&Rest.	0.000	-0.040	-0.081	-0.120
Transport & Storage	0.000	-0.097	-0.039	-0.136
Communication Serv	0.000	-0.025	-0.030	-0.054
Finance & Insurance	0.000	-0.036	-0.083	-0.119
Property&BusinessServ	0.000	-0.068	-0.153	-0.221
Govt Admin & Defence	0.000	-0.017	-0.014	-0.031
Education	0.000	-0.016	-0.109	-0.125
HIth&Community Serv	0.000	-0.007	-0.183	-0.189
Cultural&Rec Serv	0.000	-0.004	-0.037	-0.040
Personal & Other Serv	0.000	-0.015	-0.100	-0.115
Households				
TOTAL	-2.570	-1.132	-1.466	-5.168

Initial loss of 100 jobs
Reduced consumption effects
(halve consumption
coeffeicients)

coeffeicients)				
Wangaratta Rural City		ECONOMIC	IMPACT	
	OUTPUT	\$m		
(Final Demand Column)	\$m	1		
(i mai bemana Golamii)	Final	Industrial	Consumpn	Total
SECTOR	Demand	Effect	Effect	
Textiles, Clothing, & Footw	-12.480	-1.071	-0.036	-13.587
Agriculture,Forest,FishF	0.000	-1.547	-0.082	-1.629
Mining	0.000	-0.002	-0.001	-0.004
Manufacturing	0.000	-0.654	-0.317	-0.971
Electricity,Gas&Water	0.000	-0.109	-0.049	-0.158
Construction	0.000	-0.016	-0.006	-0.022
W'sale/Retail Trade	0.000	-0.934	-0.586	-1.521
Accomm.,Cafes&Rest.	0.000	-0.168	-0.143	-0.311
Transport & Storage	0.000	-0.417	-0.070	-0.487
Communication Serv	0.000	-0.100	-0.050	-0.150
Finance & Insurance	0.000	-0.109	-0.105	-0.214
Property&BusinessServ	0.000	-0.480	-0.454	-0.934
Govt Admin & Defence	0.000	-0.035	-0.012	-0.047
Education	0.000	-0.022	-0.063	-0.085
HIth&Community Serv	0.000	-0.010	-0.123	-0.133
Cultural&Rec Serv	0.000	-0.016	-0.065	-0.081
Personal & Other Serv	0.000	-0.030	-0.082	-0.111
Households	0.000			
TOTAL	-12.480	-5.721	-2.242	-20.443
		ECONOMIC	IMPACT	
INCOME	(Househo	ld)	\$m	

ECONOMIC IMPACT					
INCOME	(Househo	ld)	\$m		
\$m					
	Final	Industrial	Consumpn	Total	
SECTOR	Demand	Effect	Effect		
Textiles, Clothing, & Footw	-2.570	-0.221	-0.007	-2.79	
Agriculture,Forest,FishF	0.000	-0.159	-0.008	-0.16	
	0.000	0.000	0.000	0.00	
Manufacturing	0.000	-0.105	-0.051	-0.15	
Electricity,Gas&Water	0.000	-0.014	-0.006	-0.02	
Construction	0.000	-0.003	-0.001	-0.00	
W'sale/Retail Trade	0.000	-0.307	-0.192	-0.49	
Accomm.,Cafes&Rest.	0.000	-0.040	-0.034	-0.07	
Transport & Storage	0.000	-0.097	-0.016	-0.11	
Communication Serv	0.000	-0.025	-0.012	-0.03	
Finance & Insurance	0.000	-0.036	-0.035	-0.07	
Property&BusinessServ	0.000	-0.068	-0.064	-0.13	
Govt Admin & Defence	0.000	-0.017	-0.006	-0.02	
Education	0.000	-0.016	-0.046	-0.06	
Hlth&Community Serv	0.000	-0.007	-0.076	-0.08	
Cultural&Rec Serv	0.000	-0.004	-0.015	-0.01	
Personal & Other Serv	0.000	-0.015	-0.042	-0.05	
Households					
TOTAL	-2.570	-1.132	-0.612	-4.31	

Appendix 1 cont'd

Original modelling	initial	loss	of	100
jobs				

Wangaratta Kurar Oity	EMPLOYMENT Units				
	Final	Industrial	Consumpn	Total	
SECTOR	1		Effect	rotar	
Textiles, Clothing, & Footw	-100	-8.544	-0.684	-108.78	
Agriculture,Forest,FishF	0	-15.899	-2.026	-17.92	
	0	-0.004	-0.005	-0.009	
Manufacturing	0	-3.095	-3.594	-6.68	
Electricity,Gas&Water	0	-0.291	-0.311	-0.60	
Construction	0	-0.116	-0.102	-0.21	
W'sale/Retail Trade	0	-12.804	-19.245	32.04	
Accomm.,Cafes&Rest.	0	-1.950	-3.976	-5.92	
Transport & Storage	0	-2.748	-1.101	-3.84	
Communication Serv	0	-0.519	-0.622	-1.14	
Finance & Insurance	0	-0.639	-1.474	-2.11	
Property&BusinessServ	0	-1.868	-4.232	-6.10	
Govt Admin & Defence	0	-0.307	-0.253	-0.56	
Education	0	-0.417	-2.798	-3.21	
HIth&Community Serv	0	-0.188	-5.290	-5.47	
Cultural&Rec Serv	0	-0.146	-1.432	-1.578	
Personal & Other Serv	0	-0.435	-2.863	-3.29	
Households					
TOTAL	-100	-50	-50	-20	

ECONOMIC IMPACT

ECONOMIC IMPACT VALUE ADDED \$m					
\$m					
	Final	Industrial	Consumpn	Total	
SECTOR	Demand	Effect	Effect		
Textiles, Clothing, & Footw	3.962	0.340	0.027	4.329	
Agriculture,Forest,FishF	0.000	0.751	0.096	0.847	
Mining	0.000	0.001	0.001	0.002	
Manufacturing	0.000	0.209	0.242	0.451	
Electricity,Gas&Water	0.000	0.062	0.066	0.127	
Construction	0.000	0.007	0.006	0.013	
W'sale/Retail Trade	0.000	0.460	0.691	1.151	
Accomm.,Cafes&Rest.	0.000	0.071	0.144	0.215	
Transport & Storage	0.000	0.205	0.082	0.288	
Communication Serv	0.000	0.060	0.072	0.132	
Finance & Insurance	0.000	0.071	0.163	0.234	
Property&BusinessServ	0.000	0.310	0.702	1.012	
Govt Admin & Defence	0.000	0.020	0.016	0.036	
Education	0.000	0.019	0.124	0.143	
HIth&Community Serv	0.000	0.008	0.224	0.232	
Cultural&Rec Serv	0.000	0.007	0.071	0.078	
Personal & Other Serv	0.000	0.020	0.134	0.154	
Households					
TOTAL	3.962	2.620	2.862	9.443	

Initial loss of 100 jobs						
Reduced consumption effects						
(halve consumption						
•		ECONOMIC	IMPACT			
Wangaratta Rural City			Units			
	EIVIPLO	TIVICINI	Ullits			
	Final	Industrial	Consumpn	Total		
SECTOR	Demand	Effect	Effect			
Textiles, Clothing, & Footw	-100	-8.544	-0.286	-108.385		
Agriculture,Forest,FishF	0	-15.899	-0.846	-16.745		
Mining	0	-0.004	-0.002	-0.006		
Manufacturing	0	-3.095	-1.500	-4.595		
Electricity,Gas&Water	0	-0.291	-0.130	-0.421		
Construction	0	-0.116	-0.043	-0.158		
W'sale/Retail Trade	0	-12.804	-8.032	-20.836		
Accomm.,Cafes&Rest.	0	-1.950	-1.660	-3.609		
Transport & Storage	0	-2.748	-0.459	-3.207		
Communication Serv	0	-0.519	-0.260	-0.779		
Finance & Insurance	0	-0.639	-0.615	-1.254		
Property&BusinessServ	0	-1.868	-1.766	-3.634		
Govt Admin & Defence	0	-0.307	-0.106	-0.412		
Education	0	-0.417	-1.168	-1.585		
HIth&Community Serv	0	-0.188	-2.208	-2.396		
Cultural&Rec Serv	0	-0.146	-0.598	-0.743		
Personal & Other Serv	0	-0.435	-1.195	-1.630		
Households						
TOTAL	-100	-50	-21	-170		

ECONOMIC IMPACT VALUE ADDED \$m					
\$m					
		Industrial		Total	
SECTOR		Effect	Effect		
Textiles, Clothing, & Footw	-3.962				
Agriculture,Forest,FishF	0.000				
Mining	0.000	-0.001	-0.001	-0.002	
Manufacturing	0.000	-0.209	-0.101	-0.310	
Electricity,Gas&Water	0.000	-0.062	-0.027	-0.089	
Construction	0.000	-0.007	-0.003	-0.010	
W'sale/Retail Trade	0.000	-0.460	-0.288	-0.748	
Accomm.,Cafes&Rest.	0.000	-0.071	-0.060	-0.131	
Transport & Storage	0.000	-0.205	-0.034	-0.240	
Communication Serv	0.000	-0.060	-0.030	-0.090	
Finance & Insurance	0.000	-0.071	-0.068	-0.139	
Property&BusinessServ	0.000	-0.310	-0.293	-0.603	
Govt Admin & Defence	0.000	-0.020	-0.007	-0.026	
Education	0.000	-0.019	-0.052	-0.070	
Hlth&Community Serv	0.000	-0.008	-0.093	-0.101	
Cultural&Rec Serv	0.000	-0.007	-0.030	-0.037	
Personal & Other Serv	0.000	-0.020	-0.056	-0.076	
Households					
TOTAL	-3.962	-2.620	-1.194	-7.776	

Appendix 1 Cont'd

Factor in 5% cheaper TCF inputs to all other sectors

Full consumption effects

Wangaratta Rural City		ECONOMIC	IMPACT		
,	OUTPUT				
Final Demand Column)	\$m				
	Final	Industrial	Consumpn	Total	
SECTOR	Demand	Effect	Effect		
Textiles, Clothing, & Footw	0.000	0.001	0.003	0.00	
Agriculture,Forest,FishF	0.007	0.036	0.006	0.04	
	0.000	0.001	0.000	0.00	
Manufacturing	0.243	0.047	0.023	0.3	
Electricity,Gas&Water	0.000	0.003	0.004	0.00	
Construction	0.006	0.001	0.000	0.0	
W'sale/Retail Trade	0.016	0.014	0.042	0.0	
Accomm.,Cafes&Rest.	0.016	0.004	0.010	0.0	
Transport & Storage	0.002	0.014	0.005	0.0	
Communication Serv	0.001	0.003	0.004	0.0	
Finance & Insurance	0.001	0.003	0.008	0.0	
Property&BusinessServ	0.005	0.014	0.033	0.0	
Govt Admin & Defence	0.002	0.001	0.001	0.0	
Education	0.002	0.001	0.005	0.0	
HIth&Community Serv	0.027	0.001	0.009	0.0	
Cultural&Rec Serv	0.030	0.002	0.005	0.0	
Personal & Other Serv	0.013	0.001	0.006	0.0	
	0.000				
Households					
TOTAL	0.371	ECONOMIC	IMPACT	0.6	
TOTAL		ECONOMIC		0.67	
TOTAL	0.371	ECONOMIC	IMPACT		
TOTAL INCOM	0.371	ECONOMIC	IMPACT \$m		
INCON \$m SECTOR	0.371 IE (Househole Final	ECONOMIC d) Industrial	IMPACT \$m Consumpn Effect	Total	
INCOM \$m SECTOR Textiles, Clothing, & Footw	0.371 IE (Househole Final Demand	ECONOMIC d) Industrial Effect	IMPACT \$m Consumpn Effect 0.001	Total 0.0	
INCOM \$m SECTOR Textiles, Clothing, & Footw	0.371 IE (Househole Final Demand 0.000	ECONOMIC d) Industrial Effect 0.000	IMPACT \$m Consumpn Effect 0.001 0.001	Total 0.00 0.00	
SECTOR Textiles, Clothing, & Footw Agriculture,Forest,FishF	7E (Household Final Demand 0.000 0.001	ECONOMIC d) Industrial Effect 0.000 0.004	IMPACT \$m Consumpn Effect 0.001 0.001	Total 0.00 0.00	
INCOM Sm SECTOR Textiles, Clothing, & Footw Agriculture,Forest,FishF Mining Manufacturing	0.371 IE (Household Final Demand 0.000 0.001 0.000	ECONOMIC d) Industrial Effect 0.000 0.004 0.000	IMPACT \$m Consumpn Effect 0.001 0.000 0.000	Total 0.00 0.00 0.00	
INCOM \$m SECTOR Textiles, Clothing, & Footw Agriculture,Forest,FishF Mining	0.371 TE (Household Final Demand 0.000 0.001 0.000 0.003	ECONOMIC d) Industrial Effect 0.000 0.004 0.000	IMPACT \$m Consumpn Effect 0.001 0.000 0.004 0.000	Total 0.00 0.00 0.00 0.00 0.00	
INCOM SECTOR Textiles, Clothing, & Footw Agriculture, Forest, FishF Mining Manufacturing Electricity, Gas&Water Construction	0.371 TE (Household Final Demand 0.000 0.001 0.000 0.039 0.000	ECONOMIC d) Industrial Effect 0.000 0.004 0.000 0.008 0.000	IMPACT \$m Consumpn Effect 0.001 0.001 0.000 0.004 0.000	Total 0.00 0.00 0.00 0.00 0.00 0.00	
INCON SECTOR Textiles, Clothing, & Footw Agriculture, Forest, FishF Mining Manufacturing Electricity, Gas&Water	0.371 Final Demand 0.000 0.001 0.000 0.039 0.000 0.001 0.000 0.001 0.000 0.001 0.00	ECONOMIC d) Industrial Effect 0.000 0.004 0.000 0.008 0.000 0.000 0.000 0.005	IMPACT \$m Consumpn Effect 0.001 0.000 0.004 0.000 0.000 0.014	Total 0.00 0.00 0.00 0.00 0.00 0.00 0.00	
INCOM SECTOR Textiles, Clothing, & Footw Agriculture,Forest,FishF Mining Manufacturing Electricity,Gas&Water Construction W'sale/Retail Trade	0.371 Final Demand 0.000 0.001 0.000 0.003 0.000 0.001 0.000	ECONOMIC d) Industrial Effect 0.000 0.004 0.000 0.008 0.000 0.005 0.005 0.001	IMPACT \$m Consumpn Effect 0.001 0.000 0.000 0.000 0.000 0.014	Total 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0	
INCOM SECTOR Textiles, Clothing, & Footw Agriculture,Forest,FishF Mining Manufacturing Electricity,Gas&Water Construction W'sale/Retail Trade Accomm.,Cafes&Rest.	Final Demand 0.000 0.001 0.000 0.033 0.000 0.001 0.005 0.005 0.005 0.004	ECONOMIC d) Industrial Effect 0.000 0.004 0.000 0.008 0.000 0.005 0.001	IMPACT \$m Consumpn Effect 0.001 0.000 0.000 0.000 0.000 0.014	Total 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0	
INCOM SECTOR Textiles, Clothing, & Footw Agriculture, Forest, Fish F Mining Manufacturing Electricity, Gas&Water Construction W'sale/Retail Trade Accomm., Cafes&Rest. Transport & Storage Communication Serv	0.371 Final Demand 0.000 0.001 0.000 0.039 0.0000 0.001 0.005 0.004 0.005 0.004 0.000	ECONOMIC d) Industrial Effect 0.000 0.004 0.000 0.000 0.000 0.000 0.000 0.001 0.003	IMPACT \$m Consumpn Effect 0.001 0.000 0.004 0.000 0.014 0.002 0.001	Total 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0	
INCOM SECTOR Textiles, Clothing, & Footw Agriculture, Forest, Fish F Mining Manufacturing Electricity, Gas&Water Construction W'sale/Retail Trade Accomm., Cafes&Rest. Transport & Storage Communication Serv Finance & Insurance	0.371 Final Demand 0.000 0.001 0.000 0.001 0.005 0.004 0.005 0.004 0.000 0.00	ECONOMIC d) Industrial Effect 0.000 0.004 0.000 0.000 0.000 0.000 0.000 0.001 0.003	IMPACT \$m Consumpn Effect	Total 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0	
INCON SECTOR Textiles, Clothing, & Footw Agriculture,Forest,FishF Mining Manufacturing Electricity,Gas&Water Construction W'sale/Retail Trade Accomm.,Cafes&Rest. Transport & Storage Communication Serv Finance & Insurance Property&BusinessServ	0.371 Final Demand 0.000 0.001 0.000 0.001 0.005 0.0004 0.000 0.0000 0	ECONOMIC d) Industrial Effect 0.000 0.004 0.000 0.000 0.000 0.000 0.001 0.001	IMPACT \$m Consumpn Effect	Total 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0	
INCOM SECTOR Textiles, Clothing, & Footw Agriculture,Forest,FishF Mining Manufacturing Electricity,Gas&Water Construction W'sale/Retail Trade Accomm.,Cafes&Rest. Transport & Storage Communication Serv Finance & Insurance Property&BusinessServ Govt Admin & Defence	0.371 Final Demand 0.000 0.001 0.000 0.001 0.005 0.004 0.0000 0.000 0.000	ECONOMIC d) Industrial Effect 0.000 0.004 0.000 0.000 0.000 0.001 0.001 0.001 0.001	IMPACT \$m Consumpn Effect 0.001 0.000 0.004 0.000 0.004 0.000 0.001 0.001 0.001 0.001 0.001	Total 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0	
INCOM SECTOR Textiles, Clothing, & Footw Agriculture, Forest, Fish F Mining Manufacturing Electricity, Gas & Water Construction W'sale/Retail Trade Accomm., Cafes & Rest. Transport & Storage	0.371 Final Demand 0.000 0.001 0.000 0.001 0.000 0.001 0.005 0.004 0.000 0.000 0.000 0.000 0.000	ECONOMIC d) Industrial Effect 0.000 0.004 0.000 0.008 0.000 0.005 0.001 0.001 0.002	IMPACT \$m Consumpn Effect 0.001 0.000 0.000 0.000 0.001 0.000 0.001 0.001 0.001 0.001 0.001 0.001 0.001	Total 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0	
INCOM SECTOR Textiles, Clothing, & Footw Agriculture, Forest, FishF Mining Manufacturing Electricity, Gas&Water Construction W'sale/Retail Trade Accomm., Cafes&Rest. Transport & Storage Communication Serv Finance & Insurance Property&BusinessServ Govt Admin & Defence Education	Final Demand 0.000 0.001 0.000	ECONOMIC d) Industrial Effect 0.000 0.004 0.000 0.000 0.000 0.000 0.001 0.001 0.001 0.001 0.002	IMPACT \$m Consumpn Effect	Total 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0	
INCOM SECTOR Textiles, Clothing, & Footw Agriculture,Forest,FishF Mining Manufacturing Electricity,Gas&Water Construction W'sale/Retail Trade Accomm.,Cafes&Rest. Transport & Storage Communication Serv Finance & Insurance Property&BusinessServ Govt Admin & Defence Education Hith&Community Serv	Final Demand 0.000 0.001 0.000 0.001 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.001 0.0	ECONOMIC d) Industrial Effect 0.000 0.004 0.000 0.005 0.001 0.003 0.001 0.002 0.001 0.002	IMPACT \$m Consumpn Effect	Total 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0	
INCOM SECTOR Textiles, Clothing, & Footw Agriculture, Forest, FishF Mining Manufacturing Electricity, Gas&Water Construction W'sale/Retail Trade Accomm., Cafes&Rest. Transport & Storage Communication Serv Finance & Insurance Property&BusinessServ Govt Admin & Defence Education Hith&Community Serv Cultural&Rec Serv	Final Demand 0.000 0.001 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.0001 0.	ECONOMIC d) Industrial Effect 0.000 0.004 0.000 0.005 0.001 0.001 0.001 0.002 0.001 0.000	IMPACT \$m Consumpn Effect	0.00 0.00	

Appendix 1 Cont'd

	nt'd	innute		
Factor in 5% chea	•	iriputs		
to all other sectors	•			
Full consumption effects			ECONOMIC	IMPACT
	EMPLOYI	MENT	Units	
Wangaratta Rural City				
	Final	Industrial	Consumpn	Total
SECTOR	Demand	Effect	Effect	
Textiles, Clothing, & Footw	0			0.02
Agriculture,Forest,FishF	0			
Mining Manufacturing	1		ì	ì
Electricity,Gas&Water	0			
Construction	0			1
W'sale/Retail Trade	0			
Accomm.,Cafes&Rest.	0			
Transport & Storage	0			i
Communication Serv	0			
Finance & Insurance	0			
Property&BusinessServ	0			
Govt Admin & Defence	0	i	ì	i e
Education	0	0.010	0.084	
Hlth&Community Serv	0	i	i	
Cultural&Rec Serv	0	0.018	0.043	0.33
Doroonal & Other Com.	0	0.04=		
reisonal & Other Serv	l o	0.017	0.086	0.29
Personal & Other Serv Households		0.017	0.086	0.29
Households	2.7		1.5	
Households	VALUE A	1.1	1.5	
	2.7 VALUE A	1.1 ECONOMIC	1.5	5
Households TOTAL	2.7 VALUE A \$m Final	1.1 ECONOMIC ADDED	1.5 MPACT \$m	
Households TOTAL	VALUE A \$m Final Demand	ECONOMIC ADDED	MPACT \$m	5 Total
Households TOTAL SECTOR Textiles, Clothing, & Footw	VALUE A \$m Final Demand 0.0000	ECONOMIC ADDED	MPACT \$m Consumpn Effect 0.001	Total
Households TOTAL SECTOR Textiles, Clothing, & Footw Agriculture,Forest,FishF	VALUE A \$m Final Demand 0.0000 0.003	ECONOMIC ADDED	MPACT \$m Consumpn Effect 0.001 0.003	Total 0.00
Households TOTAL SECTOR Textiles, Clothing, & Footw Agriculture,Forest,FishF	VALUE A \$m Final Demand 0.000 0.003	ECONOMIC ADDED Industrial Effect 0.000 0.017 0.000	IMPACT \$m Consumpn Effect 0.001 0.003	Total 0.00 0.02 0.00
SECTOR Textiles, Clothing, & Footw Agriculture, Forest, FishF	\$m Final Demand 0.000 0.003 0.000 0.078	Industrial Effect 0.000 0.017 0.000 0.015	1.5 IMPACT \$m Consumpn Effect 0.001 0.003 0.000 0.007	Total 0.00 0.00 0.00 0.10
Households TOTAL SECTOR Textiles, Clothing, & Footw Agriculture,Forest,FishF Mining Manufacturing Electricity,Gas&Water	2.7 VALUE A \$m Final Demand 0.000 0.003 0.000 0.078	Industrial Effect 0.000 0.017 0.000 0.015	1.5 IMPACT \$m Consumpn Effect 0.001 0.003 0.000 0.007	Total 0.00 0.00 0.10 0.00
SECTOR TEXTILES, Clothing, & Footw Agriculture, Forest, Fish F Mining Manufacturing Electricity, Gas & Water Construction	\$m Final Demand 0.000 0.003 0.000 0.078 0.000 0.003	Industrial Effect 0.000 0.015 0.001 0.000	1.5 MPACT \$m Consumpn Effect 0.001 0.000 0.000 0.000 0.000	Total 0.00 0.02 0.01 0.00 0.00
SECTOR Textiles, Clothing, & Footw Agriculture,Forest,FishF Mining Mining Electricity,Gas&Water Construction W'sale/Retail Trade	\$m Final Demand 0.000 0.003 0.000 0.003 0.000 0.003 0.000 0.003 0.000 0.003	Industrial Effect 0.000 0.015 0.001 0.000 0.000 0.000	1.5 MPACT \$m Consumpn Effect 0.001 0.000 0.000 0.000 0.000 0.000 0.000	Total 0.00 0.02 0.00 0.11 0.00 0.00 0.00 0.0
SECTOR Textiles, Clothing, & Footw Agriculture,Forest,FishF Mining Manufacturing Electricity,Gas&Water Construction W'sale/Retail Trade Accomm.,Cafes&Rest.	\$m Final Demand 0.000 0.003 0.000 0.078 0.000 0.003 0.000	Industrial Effect 0.000 0.015 0.001 0.000 0.007 0.000	1.5 IMPACT \$m Consumpn Effect 0.001 0.003 0.000 0.007 0.002 0.000 0.021	Total 0.00 0.02 0.01 0.10 0.00 0.00 0.00 0.0
SECTOR Textiles, Clothing, & Footw Agriculture,Forest,FishF Mining Manufacturing Electricity,Gas&Water Construction W'sale/Retail Trade Accomm.,Cafes&Rest. Transport & Storage	2.7 VALUE A \$m Final Demand 0.000 0.003 0.000 0.078 0.000 0.003 0.008 0.007 0.000	1.1 ECONOMIC ADDED Industrial Effect	1.5 IMPACT \$m Consumpn Effect 0.001 0.003 0.000 0.007 0.002 0.000 0.021 0.004	Total 0.00 0.02 0.00 0.11 0.00 0.00 0.00 0.0
SECTOR Textiles, Clothing, & Footw Agriculture, Forest, FishF Mining Manufacturing Electricity, Gas&Water Construction W'sale/Retail Trade Accomm., Cafes&Rest. Transport & Storage Communication Serv	2.7 VALUE A \$m Final Demand 0.000 0.003 0.000 0.003 0.000 0.003 0.000 0.001 0.001	1.1 ECONOMIC ADDED Industrial Effect 0.000 0.017 0.000 0.015 0.001 0.0007 0.001	Consumpn Effect 0.001 0.003 0.000 0.002 0.002 0.002 0.002 0.002 0.002	Total 0.00 0.00 0.00 0.10 0.00 0.00 0.00 0.
SECTOR Textiles, Clothing, & Footw Agriculture, Forest, Fish F Mining Manufacturing Electricity, Gas & Water Construction W'sale/Retail Trade Accomm., Cafes & Rest. Transport & Storage Communication Serv Finance & Insurance	\$m Final Demand 0.000 0.003 0.000 0.003 0.000 0.003 0.000 0.003 0.000 0.001 0.001 0.001 0.001	1.1 ECONOMIC ADDED Industrial Effect	Consumpn Effect 0.001 0.002 0.002 0.002 0.002 0.002 0.002 0.002 0.002	Total 0.00 0.02 0.00 0.10 0.00 0.00 0.00 0.0
SECTOR Textiles, Clothing, & Footw Agriculture, Forest, Fish F Mining Manufacturing Electricity, Gas & Water Construction W'sale/Retail Trade Accomm., Cafes & Rest. Transport & Storage Communication Serv Finance & Insurance Property & Business Serv	2.7 VALUE A \$m Final Demand 0.000 0.003 0.000 0.003 0.000 0.001 0.001 0.001 0.001 0.001	Industrial Effect 0.000 0.017 0.000 0.007 0.000 0.007 0.000 0.007 0.000 0.007 0.000 0.007 0.000 0.007 0.000 0.007 0.000	Consumpn Effect 0.001 0.003 0.000 0.007 0.002 0.002 0.002 0.005 0.005	Total 0.00 0.02 0.00 0.10 0.00 0.00 0.00 0.0
SECTOR Textiles, Clothing, & Footw Agriculture, Forest, Fish F Mining Manufacturing Electricity, Gas & Water Construction W'sale/Retail Trade Accomm., Cafes & Rest. Transport & Storage Communication Serv Finance & Insurance Property & Business Serv Govt Admin & Defence	2.7 VALUE A \$m Final Demand 0.000 0.003 0.000 0.003 0.000 0.001 0.001 0.001 0.001 0.003 0.000	Industrial Effect 0.000 0.001 0.000	1.5 IMPACT \$m Consumpn Effect 0.001 0.002 0.002 0.002 0.002 0.002 0.002 0.002 0.002	Total 0.00 0.00 0.01 0.00 0.00 0.00 0.00 0.
SECTOR Textiles, Clothing, & Footw Agriculture,Forest,FishF Mining Manufacturing Electricity,Gas&Water Construction W'sale/Retail Trade Accomm.,Cafes&Rest. Transport & Storage Communication Serv Finance & Insurance Property&BusinessServ Govt Admin & Defence Education	\$m Final Demand 0.000 0.003 0.000 0.003 0.000 0.000 0.000 0.001 0.001 0.001 0.001 0.001 0.0001 0.0001 0.0001 0.0001 0.0001 0.0001 0.0002	Industrial Effect 0.000 0.015 0.001 0.000 0.002 0.002 0.002 0.002 0.002 0.009 0.001 0.000	1.5 MPACT \$m Consumpn Effect 0.001 0.003 0.000 0.007 0.002 0.0002 0.002 0.002 0.005 0.021 0.000 0.021 0.000	Total 0.00 0.02 0.01 0.01 0.03 0.04 0.05 0.00 0.00 0.00 0.00 0.00 0.00
SECTOR Textiles, Clothing, & Footw Agriculture, Forest, FishF Mining Manufacturing Electricity, Gas&Water Construction W'sale/Retail Trade Accomm., Cafes&Rest. Transport & Storage Communication Serv Finance & Insurance Property&BusinessServ Govt Admin & Defence Education Hith&Community Serv	2.7 VALUE A \$m Final Demand 0.000 0.003 0.000 0.003 0.000 0.001 0.001 0.001 0.001 0.002 0.002	1.1 ECONOMIC ADDED Industrial Effect	1.5 IMPACT \$m Consumpn Effect 0.001 0.003 0.000 0.007 0.002 0.004 0.002 0.005 0.021 0.004 0.002 0.005	Total 0.00 0.02 0.00 0.11 0.00 0.03 0.04 0.00 0.00 0.00 0.00 0.00
SECTOR Textiles, Clothing, & Footw Agriculture,Forest,FishF Mining Manufacturing Electricity,Gas&Water Construction W'sale/Retail Trade Accomm.,Cafes&Rest. Transport & Storage Communication Serv Finance & Insurance Property&BusinessServ Goott Admin & Defence Education Hith&Community Serv Cultural&Rec Serv	2.7 VALUE A \$m Final Demand 0.000 0.003 0.000 0.003 0.0001 0.001 0.001 0.002 0.0021 0.014	1.1 ECONOMIC ADDED Industrial Effect 0.000 0.017 0.000 0.015 0.001 0.000 0.007 0.001 0.002 0.002 0.009 0.001 0.0001 0.0001 0.0001	Consumpn Effect 0.001 0.000 0.007 0.002 0.000 0.002 0.0002 0.0002 0.0002 0.0002 0.0002 0.0002 0.0002 0.0002 0.0002 0.0002 0.0002 0.0002	Total 0.00 0.02 0.00 0.11 0.00 0.00 0.01 0.01
SECTOR Textiles, Clothing, & Footw Agriculture, Forest, FishF Mining Manufacturing Electricity, Gas&Water Construction W'sale/Retail Trade Accomm., Cafes&Rest. Transport & Storage Communication Serv Finance & Insurance Property&BusinessServ Govt Admin & Defence Education Hith&Community Serv	2.7 VALUE A \$m Final Demand 0.000 0.003 0.000 0.003 0.000 0.001 0.001 0.001 0.001 0.002 0.002	1.1 ECONOMIC ADDED Industrial Effect 0.000 0.017 0.000 0.015 0.001 0.000 0.007 0.001 0.002 0.002 0.009 0.001 0.0001 0.0001 0.0001	Consumpn Effect 0.001 0.000 0.007 0.002 0.000 0.002 0.0002 0.0002 0.0002 0.0002 0.0002 0.0002 0.0002 0.0002 0.0002 0.0002 0.0002 0.0002 0.0002 0.0002	Total 0.00 0.02 0.00 0.11 0.00 0.00 0.01 0.01

Appendix 2. Estimated outputs following a 5% decrease in TCF input prices

Textiles, Clothing, &	\$'000
Footwear	
Agriculture,Forest,FishF	7
Mining	0
Manufacturing	243
Electricity,Gas&Water	0
Construction	6
W'sale/Retail Trade	16
Accomm.,Cafes&Rest.	16
Transport & Storage	2
Communication Serv	1
Finance & Insurance	1
Property&BusinessServ	5
Govt Admin & Defence	2
Education	2
Hlth&Community Serv	27
Cultural&Rec Serv	30
Personal & Other Serv	13
	371