

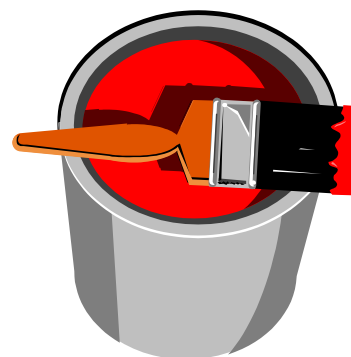


KINGDOM OF TONGA

Statistical Bulletin:

MANUFACTURING OUTPUT, EMPLOYMENT AND WAGES/SALARIES

2000-2003



STATISTICS DEPARTMENT
GOVERNMENT OF TONGA
NUKU'ALOFA
TONGA

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Preface

This is the ninth Bulletin in the series on Manufacturing Output, Employment and Wages and Salaries and it presents results of the Quarterly Surveys conducted by the Department for the year 2000-2003. The survey results indicate the performance of the manufacturing industry in the Tongan Economy.

The bulletin is spread over four parts:

- Part I:** gives the introduction and main results of the comparative position and trend of manufacturing production, employment and wages/salaries.
- Part II:** has the complementary analysis on level of production, employment and wages/salaries
- Part III:** has all the statistical tables showing growth and trend of manufacturing production, employment and wages/salaries.
- Part IV:** gives the questionnaire used in the quarterly survey of manufacturing production, employment and wages/salaries and instructions for completing the questionnaire.

Staff of the Survey division of the Department is commended for their hard work in collecting the information present in this bulletin.

The Department is grateful to all manufacturing establishments that supplied the data and information published in this bulletin. The Department welcomes any comments on how this bulletin could be improved.

Mr. 'Ata'ata M Finau
Government Statistician

Statistics Department
Government of Tonga
Nuku'alofa
Tonga

Telephone: (676) 23-300, 23-913
Fax: (676) 24-303
Email: statdept@dgl.to
Website: www.spc.int/prism/country/to/stats

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Notes and abbreviation

Rounding

The sums of individual industries may not always come exactly to the totals shown, because of the effects of rounding. Discrepancies of 1 or 2 in the final digit should give no cause for concern.

ISIC International Standard Industrial Classification (Series M No.4, Rev.3)

1. Introduction

Survey objective

1.1 This report presents the results of the quarterly survey of manufacturing production, employment and wages/salaries, conducted by the Statistics Department of Tonga over the period 2000-2003. The main objectives of the survey are:

- To provide updated information on levels of production, employment and wages/salaries;
- To provide some data for the components of National accounts; and
- To provide information on the performance of Manufacturing industries for Planners, Policy makers and the general public.

Coverage

1.2 The Statistics Department launched a regular quarterly survey of Manufacturing production, employment and wages and salaries effective from July-September 1983. The survey covered all manufacturing establishments and units, including:

- (i) Those registered under the Companies Act 1912,
- (ii) Those granted Development License for manufacturing under the Industrial Incentives Act 1978 and
- (iii) Those engaged in manufacturing activities with a license issued by the Ministry of Labour, Commerce and Industries.

1.3 The survey did not cover enterprises, establishments and units that were engaged in (a) repair and maintenance of vehicles, machinery and equipment; (b) canning, preserving and processing of fish and fisheries products; and (c) household type of activities related to making handicrafts and the like.

1.4 An establishment was treated as manufacturing if it was engaged in the transformation (mechanical or chemical) of substances into new products whether by machines or by hand in a factory or other business premises. An establishment/unit engaged in the assembly of component parts of manufactured products was treated as engaged in manufacturing except where it undertook construction activity.

1.5 The definitions used for manufacturing businesses for the survey in question were:

Establishment: a separate operating unit (factory, store, workshop or other place, etc.) engaged in Tonga in one or predominantly one kind of economic activity at a single physical location.

Enterprises: a single business entity, Private, Government, Quasi-government, Co-operative and sole ownership, engaged in manufacturing type of activities is treated as an enterprise. There are generally two types of enterprises viz.:

- i. "Single Establishment Enterprise" consisting of only one establishment and
- ii. "Multiple Establishments Enterprise" consisting of more than one establishment with or without ancillary unit or one establishment plus one or more ancillary units.

Data collection

1.6 Information was collected by personal visits of the survey staff of the Statistics Department to the manufacturing enterprises, establishments and units that were operational in the various quarters starting 1st Quarter 2000 and subsequent to the last quarter (October-December) of 2003. This covers establishments on the four main island divisions of Tonga namely Tongatapu, Vava'u, Ha'apai and 'Eua. This tenth Bulletin on manufacturing output, employment and wages and salaries contains data for calendar years 2000-2003.

Response rate

1.7 There is no non-response rate as one of the reason for delaying the published of the survey result is by trying to get all the returns before processing the results.

Data processing

1.8 All data entry, editing checks and queries were done using the Access software package. Preparation of the final tables was done using Excel facility.

1.9 Manufacturing establishments have been classified into Divisions according to the International Standard Industrial Classification (ISIC) Series M No. 4, Rev.3 for Major Divisions 15-37. The following ISIC divisions have been used.

The following ISIC Divisions have been used:

- 15.** Manufactured of food products and beverages (bread, sausages, soft drinks and ice-cream etc.)
- 17.** Manufacture of textiles (t-shirt, pullovers and quilts etc.)
- 18.** Manufacture of wearing apparel; dressing and drying of fur (dress, trousers, lavalava etc.)
- 19.** Tanning and dressing of leather; manufacture of luggage, handbags, saddlery, harness and footwear
- 20.** Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials
- 22.** Publishing, printing and reproduction of recorded media
- 24.** Manufacture of chemicals and chemical products (tablets, paint and varnish etc.)
- 26.** Manufacture of other non-metallic mineral products (concrete blocks and water tanks etc.)
- 28.** Manufacture of machinery and equipment n.e.c.
- 29.** Manufacture of electrical machinery and apparatus
- 30.** Manufacture of radio, television and communication equipment and apparatus
- 31.** Manufacture of medical, precision and optical instruments, watches and clocks
- 35.** Manufacture of other transport equipment (boat, cart, bicycle etc.)
- 36.** Manufacture of furniture
- 37.** Recycling and other manufacture industries n.e.c.

2 Main results

The quarterly survey of manufacturing output, employment and wages/salaries for year 2003 was carried out by the Statistics Department of Tonga at the beginning of year 2004. The survey collects information on production, employment and wages/salaries, which include memorandum items. The survey covers all manufacturing establishments regardless of size; level of production or number of persons engaged. Due to funding constraints and the distance from the main island, the Niuaus were excluded from the survey.

Table 1: Summary of the survey results for year 2000-2003:

Item	Unit	2000	2001	2002	2003
1. Establishments covered	No.	115	115	123	130
2. Total production	T\$(‘000)	26407	28248	31037	36319
3. Persons employed	No.	1175	1188	1258	1375
4. Wages and salaries	T\$(‘000)	4031	4604	4857	5354

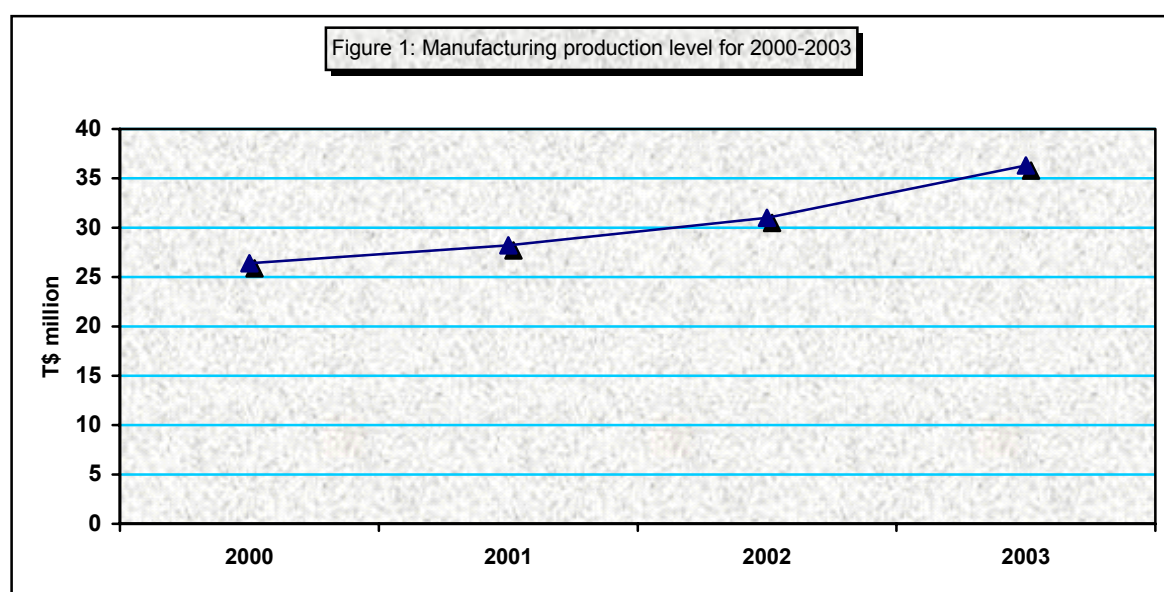
Source: Manufacturing survey, Statistics Dept.

□ Manufacturing production

In Tonga, total manufacturing production in 2003 stood at 36 million pa’anga, an increase by 17 percent from the revised Manufacturing Production of \$31 million in 2002 as reported by the Statistics Department. This increase was mainly the result of growth in production of Fabricated Metal Products, which increased by 109 percent and other Manufacturing industries by 47 % also Non metallic Mineral Products by 28 % and Food Products and Beverages by 26 %.

Graph 1 below shows that total production has increased tremendously, from 26 million pa’anga in 2000 to 36 million in 2003. There was an increase in production of all major industries like; production of Food products and Beverages increased by 43 percent, Non-metallic mineral products by 121 percent, Fabricated metal products by 141 percent and other manufacturing industries by 101 percent.

The trend in the level of total production is shown in Graph 1 below.



Source: Manufacturing survey, Statistics Dept.

Some of the increase in production was due to the opening of new establishments. This was particularly with Food Products and Beverages and with Non Metallic and Mineral Products.

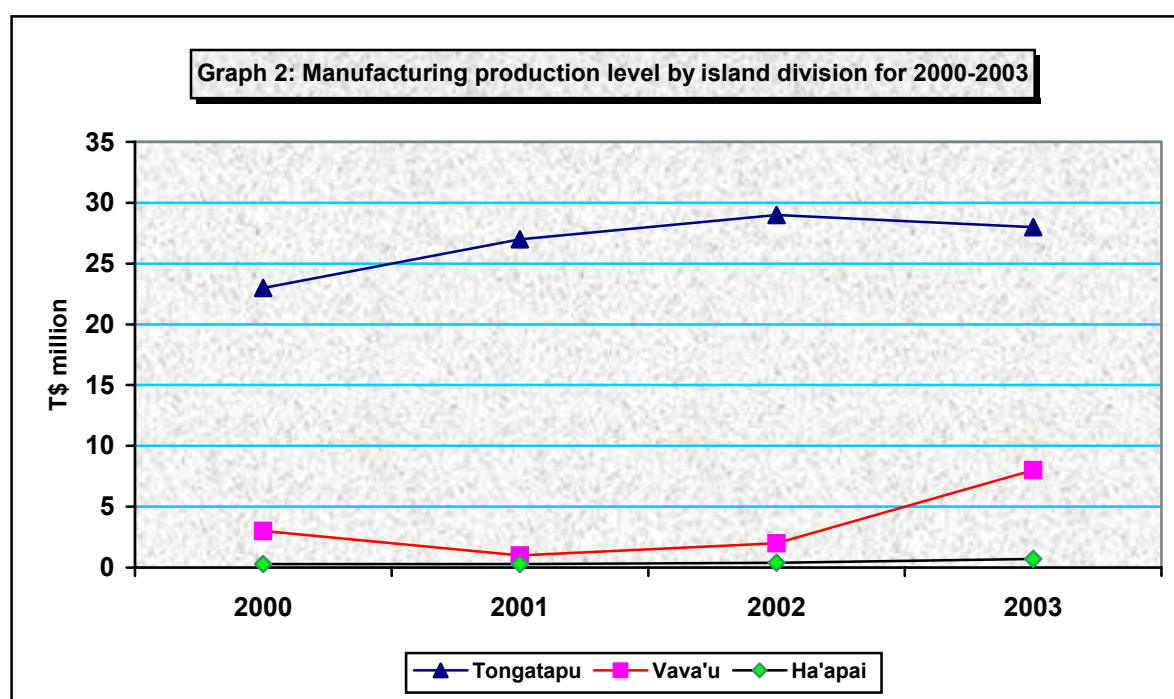
In 2003, Food Products and Beverages industries contributed 22 million pa'anga (61% of the total), followed by, Non-metallic mineral products with 4 million (11%), Other manufacturing industries contributed 4 million (11%) and Fabricated Metal Products by over 3 millions(10%) Table 2 below shows some more detailed information on production by ISIC division.

Table 2: Manufacturing production by ISIC division for 2000-2003

T\$('000)				
ISIC division	2000	2001	2002	2003
15 Food products and beverages	15,573	16,662	17,640	22,249
22 Publishing and printing	1,260	1,269	1,141	1,119
24 Chemicals and chemical products	4,263	2,949	4,616	1,311
26 Non-metallic mineral products	1,863	3,068	3,226	4,113
28 Fabricated metal products	1,459	1,640	1,682	3,520
37 Other manufacturing industries	1,989	2,660	2,732	4,007
Total	26,407	28,248	31,037	36,319

Source: Manufacturing survey, Statistics Dept. Note: ISIC 37 includes 17,18,19,20,29,30,31,35 and 36

Graph 2 shows that almost all the increase in production is accounted for by Tongatapu. Production in Tongatapu went up from 23 million pa'anga in 2000 to 27 million pa'anga in 2003.



Source: Manufacturing survey, Statistics Dept.

In Tongatapu, there was an improvements on production of major industries like; Food products and Beverages with an increase of 22 percent, Non-metallic Mineral products by 121 percent, Fabricated Metal products with 141 percent and Other manufacturing industries by 38 percent plus, new establishments with significant contribution were adding on.

Production in Vava'u seems to be growing though there was a slowing down during 2001 and 2002.

Production for both Ha'apai and 'Eua looks to be growing though 2001 was not favourable.

Table 3 below shows the share of island division on manufacturing production.

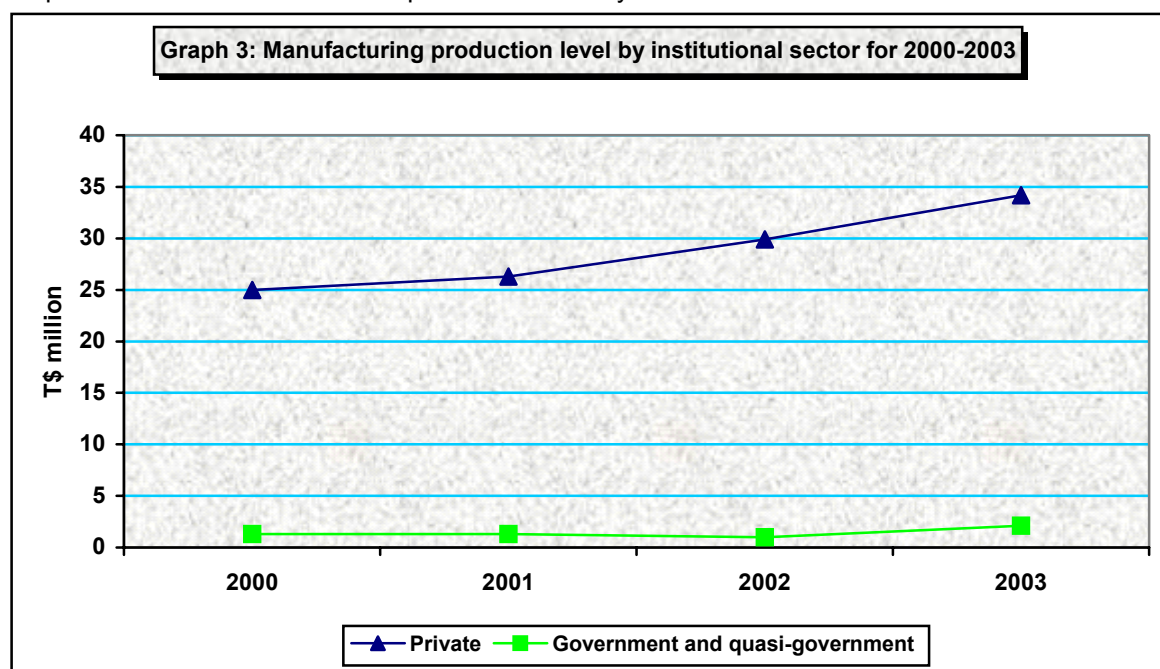
Table 3: Manufacturing production by Island division for 2000-2003

T\$('000)				
Island division	2000	2001	2002	2003
1 Tongatapu	23,329	26,754	28,771	27,713
2 Vava'u	2,776	1,226	1,841	7,945
3&4 Ha'apai & 'Eua	302	268	425	661
Total	26,407	28,248	31,037	36,319

Source: Manufacturing survey, Statistics Dept.

In terms of institutional sector, the private sector showed an increase of 14 percent from 30 million in 2002 to 34 million pa'anga in 2003. This was a result of increased in production of Food Products and Beverages by 26 percent, non-metallic mineral products (28 percent), fabricated metal products (109 percent) and other manufacturing industries (47 percent).

Graph 3 below shows the trend of production level by institutional sector.



Source: Manufacturing survey, Statistics Dept.

It is clear that the private sector dominates in terms of manufacturing production by 34 million pa'anga (94%) in 2003, while only about 2 million (6%) contributed by the Government and Quasi-government sector. Table 4 below shows the contribution of the institutional sectors to manufacturing production.

Table 4: Manufacturing production by Institutional sector for 2000-2003

T\$('000)

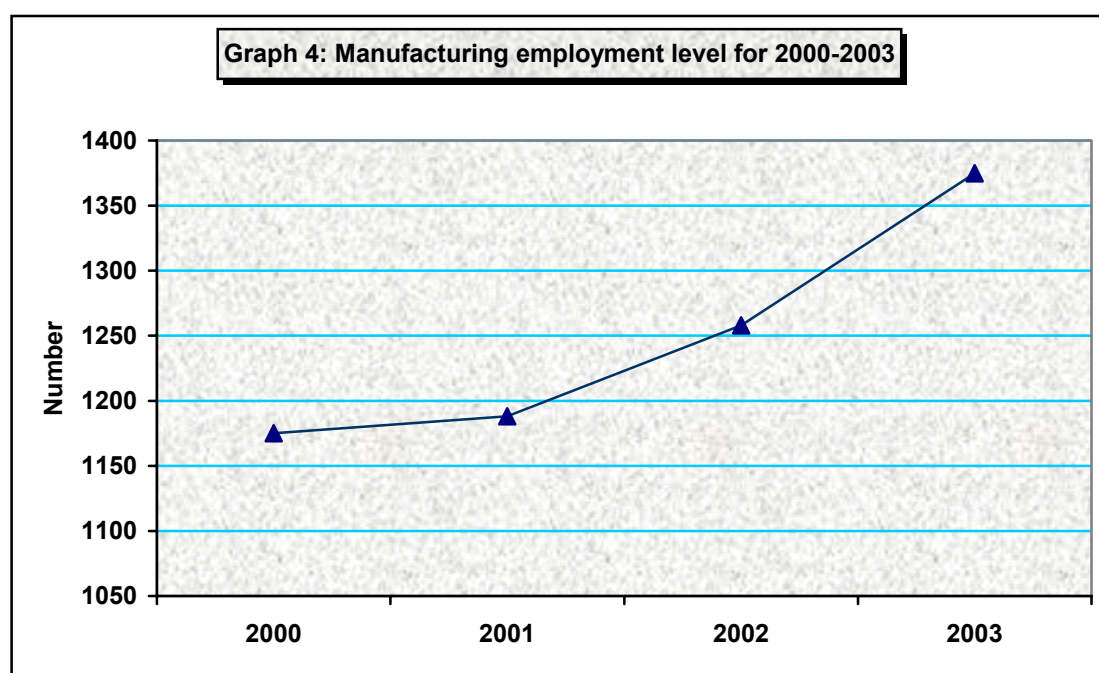
Institutional sector	2000	2001	2002	2003
1 Private	25,147	26,342	29,994	34,255
2&3 Government and quasi-government	1,260	1,289	1,043	2,064
Total	26407	27631	31037	36,319

Source: Manufacturing survey, Statistics Dept.

□ **Manufacturing employment**

There was a total of 1,375 persons engaged in the manufacturing sector in 2003, representing a 9 percent increase from the revised figure of 1,258 employed in 2002. Over the years 2000-2003 the Manufacturing employment was increasing to 17 percent in 2003 where 28 percent for Food products and Beverages, 2 percent for Wood and Products of Wood, 13 percent for Non Metallic and Metallic Products and 16 percent for manufacture of furniture.

Graph 4 below shows the trend of manufacturing employment between the years 2000 to 2003.



Source: Manufacturing survey, Statistics Dept.

Table 5 below shows the number of person in manufacturing by ISIC Division as from 2000 to 2003

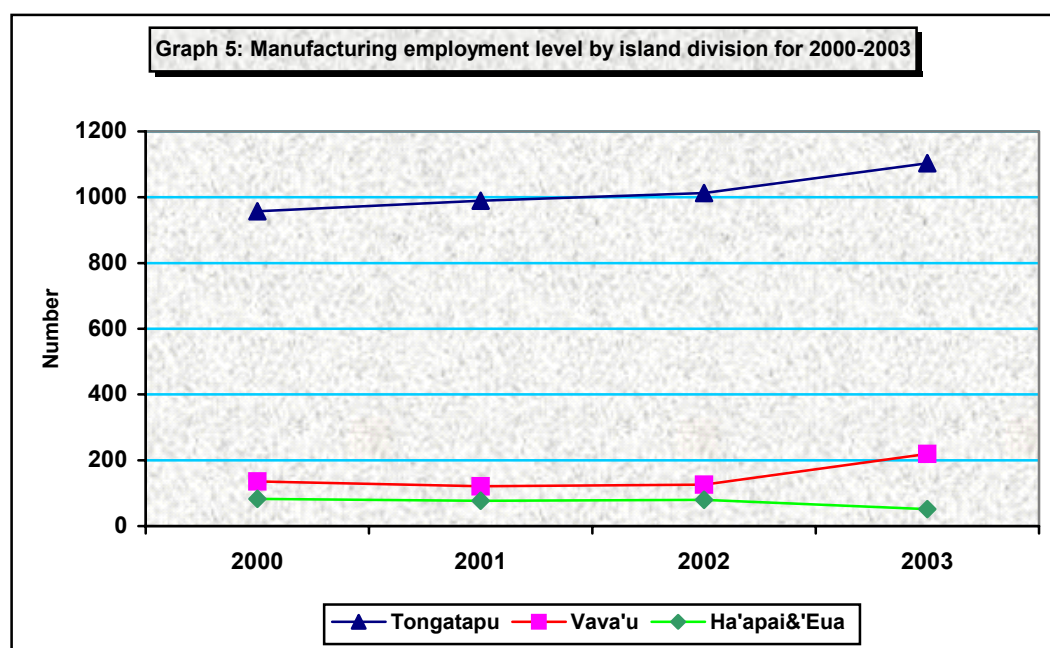
Out of every 100 persons employed in manufacturing in 2003, 55 are employed in the manufacturing of Food products and Beverages, 6 in Wood and Products of Wood, 8 in Publishing and Printing, 7 in manufacturing of furniture, 6 with wood and wood products, 6 with non-metallic mineral products and 16 with Other Manufacturing industries.

Table 5: Manufacturing employment by ISIC division for 2000-2003

ISIC division	Number			
	2000	2001	2002	2003
15 Food products and beverages	595	656	704	761
20 Wood and products of wood	84	80	77	87
22 Publishing and printing	114	109	109	108
26 Non-metallic mineral products	76	71	70	87
36 Manufacture of furniture	87	83	90	102
37 Other manufacturing industries	219	189	208	230
Total	1,175	1,188	1,258	1375

Source: Manufacturing survey, Statistics Dept. Note: ISIC 37 includes 17,18,19,24,28,29,30,31 and 35

Between 2000 and 2003, employment in manufacturing in Tongatapu increased by almost 15 percent. In contrast, manufacturing employment levels in Ha'apai together with 'Eua dropped, while there was a 61percent increased in number of people employing in Vava'u.



Source: Manufacturing survey, Statistics Dept.

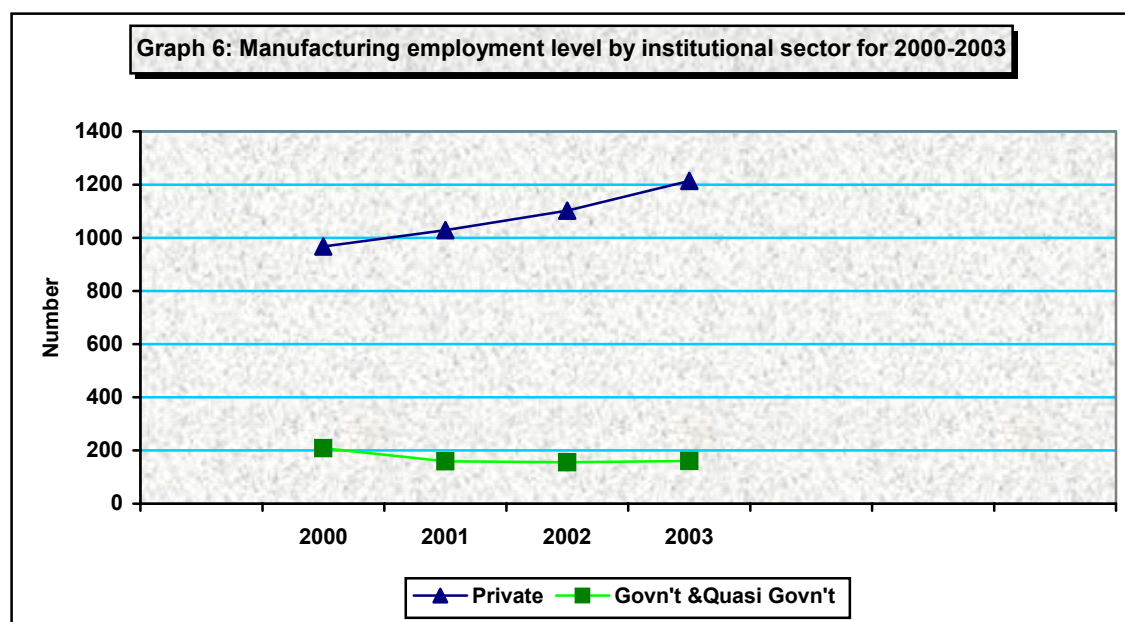
By island division, as shown in table 6 below, Tongatapu had 1104 (80%) people employed in manufacturing in 2003 while Vava'u had 219(16%) and Ha'apai together with 'Eua had 52 (4%). Table 6 below shows more information on employment level by island division.

Table 6: Manufacturing employment by Island division for 2000-2003

Island division	Number			
	2000	2001	2002	2003
1 Tongatapu	957	990	1052	1104
2 Vava'u	135	121	126	219
3&4 Ha'apai & 'Eua	83	77	80	52
Total	1,175	1,188	1258	1375

Source: Manufacturing survey, Statistics Dept.

Employment in the private sector has increased by 10 percent, from 1,103 in 2002 to 1,215 in 2003. In particular, there were increases in the number employed in Food and Beverages, Non Metallic Mineral Products and in the Manufacturing of furniture. The number employed in manufacturing by the government and quasi-government sector remained around 200 between 2000 and 2003.



Source: Manufacturing survey, Statistics Dept.

In percentage terms, the private sector shows a healthier life than the government sector.

Table 7: Manufacturing employment by Institutional sector for 2000-2003

Institutional sector	Number			
	2000	2001	2002	2003
20031 Private	967	1,029	1103	1215
2&3 Government and quasi-government	208	159	155	160
Total	1,175	1,188	1,258	1375

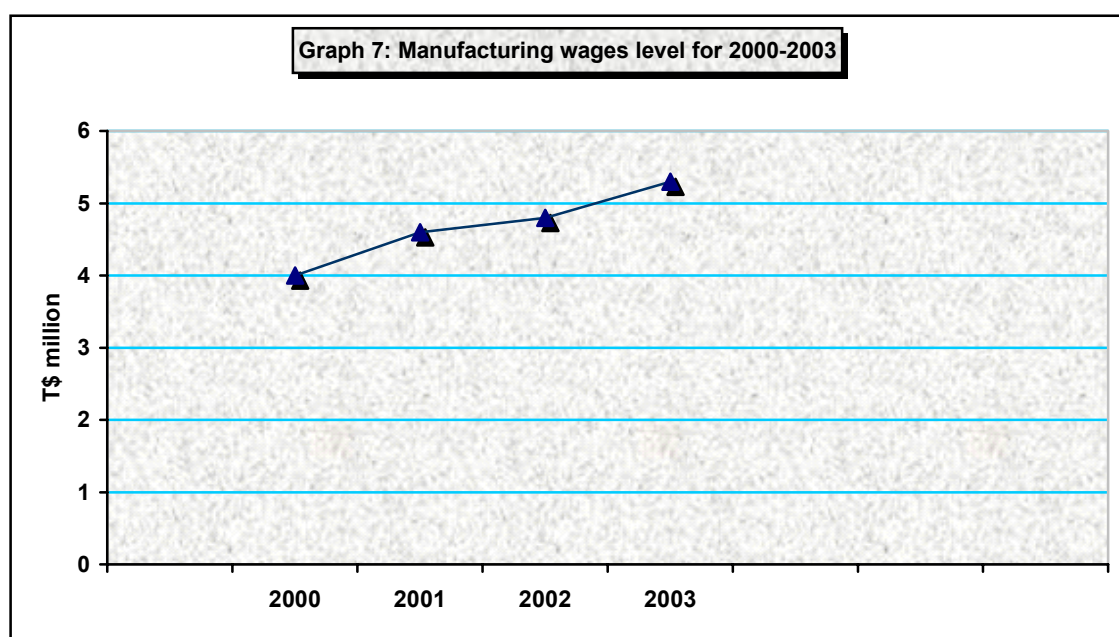
Source: Manufacturing survey, Statistics Dept.

□ **Manufacturing wages/salaries**

Total manufacturing wages and salaries increased by 33 percent between 2000 and year 2003, with an increase of 67 percent on wages of Food products and Beverages, 34 on Manufacturing of Furniture and 22 on other manufacturing industries.

As shown in table 7 below, total wages and salaries have increasingly raised from 4.0 million pa'anga in 2000 to 5.3 million in 2003. Over the same period, total wages/salaries increased by 67 percent for the Food products and Beverages industry, 0.1 percent for Publishing and Printing, 34 percent increases for manufacture of furniture and 22 percent for other manufacturing industries while wood and Products of wood decreased by 20 percent and 9 percent for Non Metallic mineral product wages and salaries.

Graph 7 below shows the total manufacturing wages and salaries between the years 2000-2003.



Source: Manufacturing survey, Statistics Dept.

In 2003, Wages and Salaries for Food Products and Beverages industry placed at around 2.8 million pa'anga, accounted 52 percent of the total wages and salaries, followed by Publishing and printing with 0.6 million pa'anga (11%), manufacture of furniture with 0.5 million pa'anga (10%).

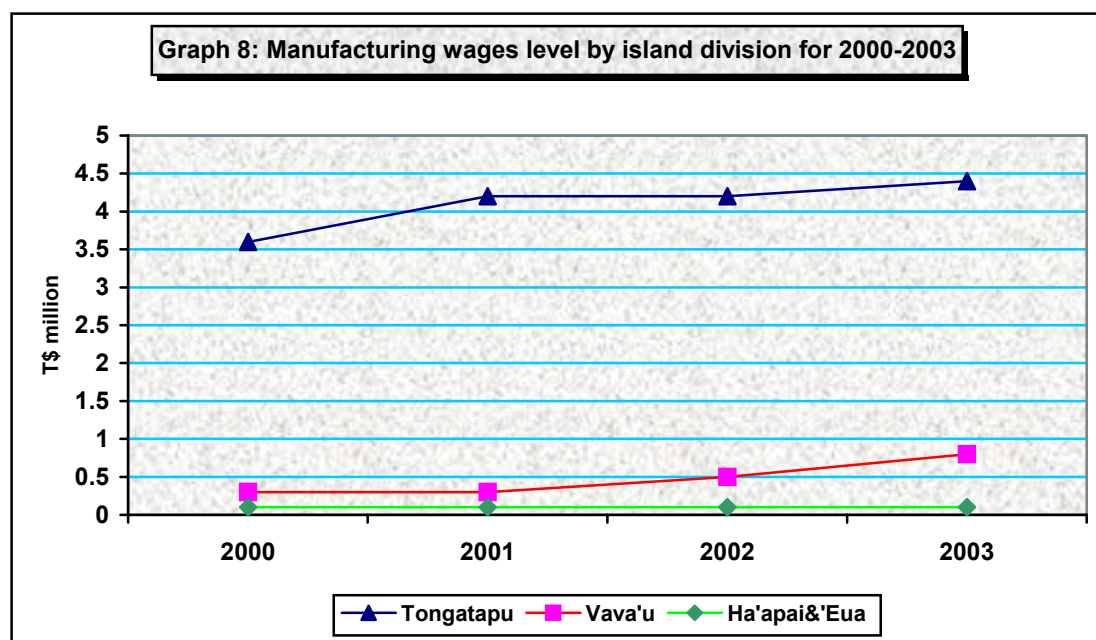
Table 8: Manufacturing wages and salaries by ISIC division for 2000-2003

ISIC division	T\$('000)			
	2000	2001	2002	2003
15 Food products and beverages	1,682	2,238	2,511	2,804
20 Wood and products of wood	279	230	274	225
22 Publishing and printing	609	642	648	610
26 Non-metallic mineral products	381	342	337	347
36 Manufacture of furniture	414	490	390	555
37 Other manufacturing industries	666	662	697	813
Total	4,031	4,604	4857	5,354

Source: Manufacturing survey, Statistics Dept. Note: ISIC 37 include 17,18,19,24,28,29,30,31 and 35

In year 2003, about 4.4 million pa'anga (83%) of the total manufacturing wages and salaries were earned by those employed in Tongatapu, the main island, followed by Vava'u with around 0.8 million (14%) and only 0.1 million (3%) in combination of Ha'apai and 'Eua.

Graph 8 below shows the trend of manufacturing wages/salaries by island division for 2000-2003



Source: Manufacturing survey, Statistics Dept.

Shown on the graph below, wages and salaries of Private sector has gradually increasing from 3.2 million in 2000 to 3.9 million in 2001, to 4.1 million and 4.7 million for 2002 and 2003 respectively.

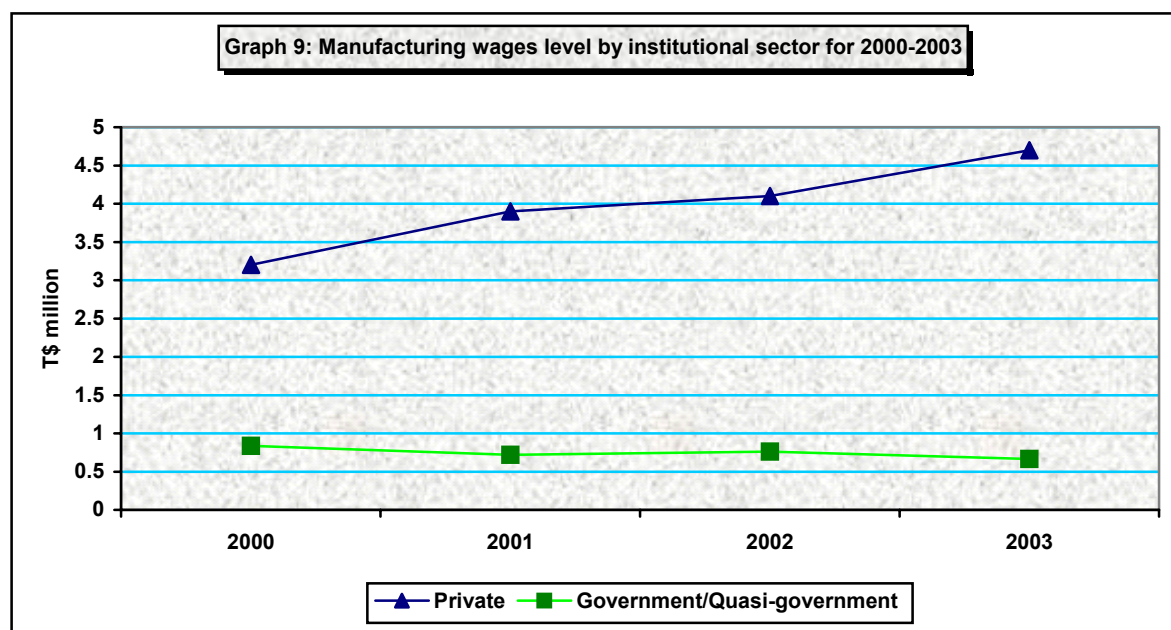
Table 9: Manufacturing wages and salaries by Island division for 2000-2003

Island division	T\$('000)			
	2000	2001	2002	2003
1 Tongatapu	3,616	4,253	4,225	4461
2 Vava'u	283	257	510	772
3&4 Ha'apai & 'Eua	133	95	121	121
Total	4,031	4,604	4,857	5354

Source: Manufacturing survey, Statistics Dept.

The increasing above occurred in ISIC of Food products and beverages , Publishing and printing , Manufacture of furniture and other Manufacturing Industries.

Total wages and salaries paid by the Government and Quasi-government sector has moved down from 0.8 million pa'anga in 2000 to 0.7 million in 2003.



Source: Manufacturing survey, Statistics Dept.

In 2003, manufacturing employees in the Private Sector received over 4 million pa'anga (88%) in wages and salaries, while those in the Government and Quasi-Government sector received nearly 0.7 million pa'anga (12%).

Table 10: Manufacturing wages and salaries by Institutional sector for 2000-2003

T\$('000)

Institutional sector	2000	2001	2002	2003
1 Private	3,196	3,886	4,094	4,689
2&3 Government and quasi-government	835	719	763	665
Total	4,031	4,604	4,857	5,354

Source: Manufacturing survey, Statistics Dept.

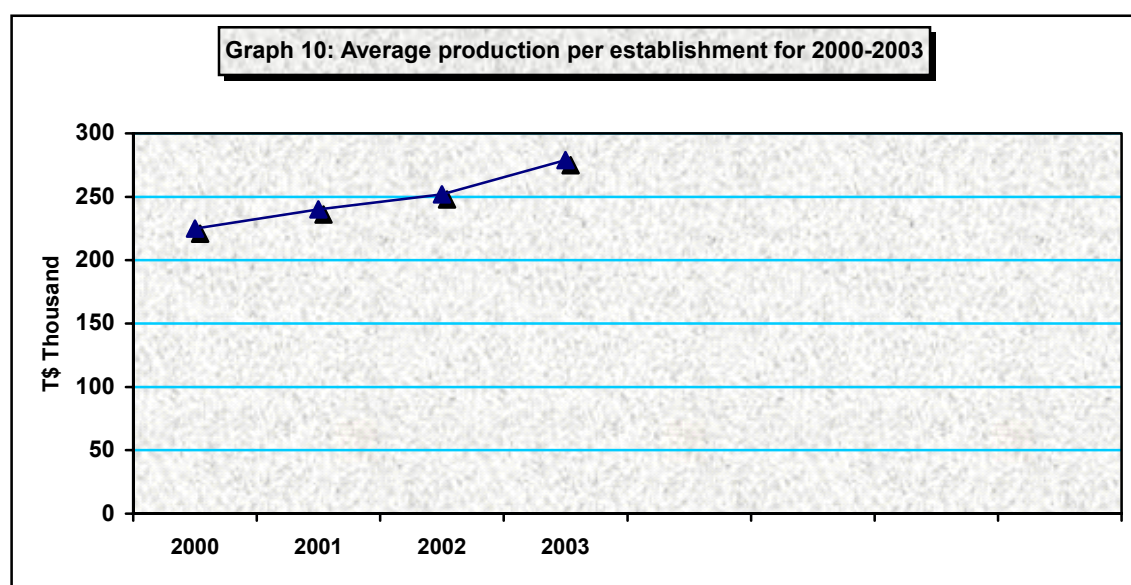
3 Complementary analysis

3.1 Production level

- **Average production per establishment**

The average annual production per establishment for the whole of Tonga has increased by 10 percent from 252 thousand in 2002 to 279 thousand pa'anga in 2003. This involved Food products and beverages increased by 22 percent and Fabricated Products by 109 percent.

Graph 10 below shows the average annual production per establishment went up from 225 thousand pa'anga in 2000 to 279 thousand in 2003. In terms of current value, average production has generally been increasing over the 3-years period, with the exception of Publishing and Printing, Chemical and Chemical Products and other Manufacturing industries where average production level tend to decline.



Source: Manufacturing survey, Statistics Dept.

By looking at industry level in year 2003, some industries produced far more than national average production per establishment level. This led by Fabricated Products with 502 thousand pa'anga, followed by non-metallic mineral products with 457 thousand, Food Products and Beverages with the rate of 358 thousand, Chemicals and Chemicals Products by 328 thousands, Publishing and Printing by 280 thousand. Finally, other manufacturing industries production rate was 91 thousand.

More detailed information on average production per establishment is given in Table 4.7, 4.8 and 4.9 of this report.

Table 3.1a: Average production per establishment by ISIC division for 2000-2003

T\$('000)

ISIC division	2000	2001	2002	2003
15 Food products and beverages	285	310	294	358
22 Publishing and printing	420	423	380	280
24 Chemicals and chemical products	853	737	1,154	328
26 Non-metallic mineral products	317	456	495	457
28 Fabricated metal products	208	234	240	502
37 Other manufacturing industries	362	396	351	91
Total	225	240	252	279

Source: Manufacturing survey, Statistics Dept. Note: ISIC 37 include 17,18,19,20,29,30,31,35 and 36

In terms of annual production by island division, Tongatapu produced above the national average per establishment, with an average of 315 thousand pa'anga per establishment, Vava'u followed with 265 thousand and Ha'apai and 'Eua (combined) had an average production of 55 thousand pa'anga.

Table 3.1b: Average production per establishment by Island division for 2000-2003

T\$('000)

Island division	2000	2001	2002	2003
1 Tongatapu	277	319	350	315
2 Vava'u	121	56	63	265
3&4 Ha'apai & 'Eua	30	24	39	55
Total	225	240	252	279

Source: Manufacturing survey, Statistics Dept.

In terms of institutional sector, average annual production during the period 2000-2003 was consistently higher for manufacturing establishments in the private sector then it was for those in the Government and Quasi-government sector.

Table 3.1c: Average production per establishment by Institutional sector for 2000-2003

T\$('000)

Institutional sector	2000	2001	2002	2003
1 Private	227	242	256	275
2&3 Government and quasi-government	180	215	174	412
Total	225	240	252	279

Source: Manufacturing survey, Statistics Dept.

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Average production per production worker

The value of average production per production worker increased from 32 thousand in 2000 to 36 thousand pa'anga in year 2003. By industry level, some industries produced more than the national average production led by Fabricated Metal Products by 103 thousand Pa'anga followed by Non Metallic Mineral Products with 51 thousand, Chemicals & Chemicals Products with 47 thousand, Food products and Beverages with 36 thousand and other manufacturing industries with 3 thousand.

Table 3.1d: Average production per production worker by ISIC division for 2000-2003

T\$('000)

ISIC division	2000	2001	2002	2003
15 Food product & beverages	32	30	28	36
24 Chemicals and chemical products	87	113	178	47
26 Non-metallic mineral products	48	46	57	51
28 Fabricated metal products	46	47	49	103
35 Other transport equipment	17	16	13	0
37 Other manufacturing industries	80	80	71	3
Total	22	24	30	32

Source: Manufacturing survey, Statistics Dept. Note: ISIC 37 include 17,18,19,20,22,29,30,31 and 36

In terms of island division, the value produced by production workers in Tongatapu was on average of about 30 thousand pa'anga, Vava'u with 47 thousand and 17 thousand for Ha'apai and 'Eua.

Table 3.1e: Average production per production worker by Island division for 2000-2003

T\$('000)

Island division	2000	2001	2002	2003
20031 Tongatapu	30	30	33	30
2 Vava'u	30	15	21	47
3&4 Ha'apai & 'Eua	8	7	10	17
Total	22	24	30	32

Source: Manufacturing survey, Statistics Dept.

Production worker in Private sector produced an average production of 35 thousand pa'anga while Government and Quasi-government only produced 13 thousand, which is below the national average production.

Table 3.1f: Average production per production worker by Institutional sector for 2000-2003

T\$('000)

Institutional sector	2000	2001	2002	2003
2001 Private	36	31	34	35
2&3 Government and quasi-government	6	8	7	13
Total	22	24	30	32

Source: Manufacturing survey, Statistics Dept.

3.2 Employment level

The total number of production worker involved in manufacturing industries has increased by 9 percent from 1,050 number of production worker in 2002 compared to 1,146 in year 2003 with an increase of 2 percent on employment of Food Products and Beverages plus other manufacturing industries with 9 percent.

In 2003, Food products and Beverages employed 612(53%) of production worker, publishing and printing employed 103 (9%), Wood and Products of wood employed 87(8%) Production Worker with Non-metallic mineral products and Other manufacturing industries each employed 80(7%) workers.

Table 3.2a: Number of manufacturing production workers by ISIC division for 2000-2003

ISIC division	Number			
	2000	2001	2002	2003
15 Food products and beverages	441	519	582	612
20 Wood and products of wood	84	83	60	87
22 Publishing and printing	105	106	106	103
26 Non-metallic mineral products	53	70	61	80
36 Manufacture of furniture	47	68	75	80
37 Other manufacturing industries	163	155	168	184
Total	893	1,001	1050	1146

Source: Manufacturing survey, Statistics Dept. Note: ISIC 37 include 17,18,19,24,28,29,30,31 and 35

Tongatapu employed 937 production worker (82%) of the total production worker, Vava'u got 170 (15%) and only 39 Production worker (3%) in Ha'apai and 'Eua.

Table 3.2b: Number of manufacturing production workers by Island division for 2000-2003

Island division	Number			
	2000	2001	2002	2003
1 Tongatapu	762	879	922	937
2 Vava'u	93	81	86	170
3&4 Ha'apai & 'Eua	38	41	42	39
Total	893	1,001	1050	1146

Source: Manufacturing survey, Statistics Dept.

There were 986 number of production worker (86%) worked for private sector and 155 (14%) employed by government and quasi-government.

Table 3.2c: Number of manufacturing production workers by institutional sector for 2000-2003

Institutional sector	Number			
	2000	2001	2002	2003
1 Private	691	839	895	986
2&3 Government and quasi-government	202	162	155	155
Total	893	1,001	1050	1146

Source: Manufacturing survey, Statistics Dept.

3.3 Wages and salaries

The average annual weekly wage rate paid to production worker in manufacturing sector has gone up by 2 percent from 71 pa'anga per week in 2002 to 73 pa'anga in 2003

From table 3.3a below, it shows that weekly wage rate of Non-metallic mineral products went down by 14 percent and fabricated metal products, down by 3 percent..

In year 2003, Publishing and Printing and Manufacture of Furniture paid the highest weekly wage rate of just over 100 pa'anga, Non-metallic mineral products, Fabricated metal products, Wood and Products of Wood and Food and Beverages paid over 70 pa'anga .

Table 3.3a: Average weekly wage rate per production worker by ISIC division for 2000-2003

T\$(000)				
ISIC division	2000	2001	2002	2003
15 Food and Beverages	-	-	-	73.00
20 Wood and Products of Wood	-	-	-	50.00
22 Publishing and printing	99.00	107.00	108.00	102.00
26 Non-metallic mineral products	103.00	93.00	87.00	74.00
28 Fabricated metal products	75.00	85.00	76.00	73.00
36 Manufacture of furniture	99.00	98.00	74.00	102.00
Total	66.00	72.00	71.00	73.00

Source: Manufacturing survey, Statistics Dept. Note: ISIC 37 include 17,18,19,24,28,29,30,31 and 35

Production workers stationed in Tongatapu earned an average weekly wage rate of 73 pa'anga, Vava'u earned 77 pa'anga then Ha'apai and 'Eua ,59 pa'anga.

Table 3.3b: Average weekly wage rate per production worker by Island division for 2000-2003

T\$				
Island division	2000	2001	2002	2003
1 Tongatapu	68.00	76.00	74.00	73.00
2 Vava'u	48.00	41.00	42.00	77.00
3&4 Ha'apai & 'Eua	63.00	42.00	53.00	59.00
Total	66.00	72.00	71.00	73.00

Source: Manufacturing survey, Statistics Dept.

By looking at sector level, government and quasi-government paid 79 pa'anga while private production worker earned only 72 pa'anga per week.

Table 3.3c: Average weekly wage rate per production worker by Institutional sector for 2000-2003

T\$				
Institutional sector	2000	2001	2002	2003
1 Private	63.00	69.00	66.00	72.00
2&3 Government and quasi-government	75.00	85.00	95.00	79.00
Total	66.00	72.00	71.00	73.00

Source: Manufacturing survey, Statistics Dept.

4.Statistical Tables

Table 4.1: Manufacturing production by ISIC division for 2000-2003

T\$('000)

ISIC division	2000	2001	2002	2003
15 Food products and beverages	14,239	15,795	17,265	19,864
17 Manufacture of textiles	278	346	285	960
18 Manufacture of wearing apparel	250	338	668	354
19 Manufacture of leather products	82	70	0	525
20 Wood and products of wood	146	102	42	1,119
22 Publishing and printing	1,260	1,269	1,141	1,236
24 Chemicals and chemical products	4,263	2,949	4,616	1,311
26 Non-metallic mineral products	2,536	3,190	3,462	4,113
28 Fabricated metal products	1,459	1,640	1,682	3,520
35 Other transport equipment	244	220	236	155
36 Manufacture of furniture	917	1,570	1,530	1149
37 Other manufacturing industries	153	142	115	2,013
Total	25,827	27,631	31,037	36,319

Source: Manufacturing survey, Statistics Dept. Note: ISIC 37 includes 29,30 and 31

Table 4.2: Manufacturing production by Island division for 2000-2003

T\$('000)

Island division	2000	2001	2002	2003
1 Tongatapu	22,749	26,136	28,771	27714
2 Vava'u	2,776	1,226	1,841	7945
3&4 Ha'apai & 'Eua	302	268	425	660
Total	25,827	27,631	31,037	36,319

Source: Manufacturing survey, Statistics Dept.

Table 4.3: Manufacturing production by Institutional sector for 2000-2003

T\$('000)

Institutional sector	2000	2001	2002	2003
1 Private	24,567	26,342	29,994	34,255
2&3 Government and quasi-government	1,260	1,289	1,043	2,064
Total	25,827	27,631	31,037	36,319

Source: Manufacturing survey, Statistics Dept.

Table 4.4: Percentage distribution of manufacturing production by ISIC division for 2000-2003

<i>Percentages</i>				
ISIC division	2000	2001	2002	2003
15 Food products and beverages	55.1	57.2	55.6	55.0
17 Manufacture of textiles	1.1	1.3	1.0	2.6
18 Manufacture of wearing apparel	1.0	1.2	2.2	1.0
19 Manufacture of leather products	0.3	0.3	0.0	1.4
20 Wood and products of wood	0.6	0.4	0.1	3.1
22 Publishing and printing	4.9	4.6	4.0	3.4
24 Chemicals and chemical products	16.5	10.7	14.9	3.6
26 Non-metallic mineral products	9.8	11.5	11.2	11.3
28 Fabricated metal products	5.6	5.9	5.4	9.6
35 Other transport equipment	0.9	0.8	0.8	0.4
36 Manufacture of furniture	3.5	5.7	4.9	3.1
37 Other manufacturing industries	0.6	0.5	0.4	5.5
Total	100.0	100.0	100.0	100.0

Source: Manufacturing survey, Statistics Dept. Note: ISIC 37 includes 29,30 and 31

Table 4.5: Percentage distribution of manufacturing production by Island division for 2000-2003

<i>Percentages</i>				
Island division	2000	2001	2002	2003
1 Tongatapu	88.1	94.6	92.7	76.3
2 Vava'u	10.7	4.4	5.9	21.9
3&4 Ha'apai & 'Eua	1.2	1.0	4.4	1.8
Total	100.0	100.0	100.0	100.0

Source: Manufacturing survey, Statistics Dept.

Table 4.6: Percentage distribution of manufacturing production by Institutional sector for 2000-2003

<i>Percentages</i>				
Institutional sector	2000	2001	2002	2003
1 Private	95.1	95.3	96.6	94.3
2&3 Government and quasi-government	4.9	4.7	3.4	5.7
Total	100.0	100.0	100.0	100.0

Source: Manufacturing survey, Statistics Dept.

Table 4.7: Average production per establishment by ISIC division for 2000-2003

T\$('000)

ISIC division	2000	2001	2002	2003
15 Food products and beverages	280	310	287	320
17 Manufacture of textiles	70	90	70	326
18 Manufacture of wearing apparel	20	30	60	25
19 Manufacture of leather products	40	40	0	262
20 Wood and products of wood	40	20	10	279
22 Publishing and printing	420	420	380	309
24 Chemicals and chemical products	850	740	1,150	327
26 Non-metallic mineral products	320	460	490	457
28 Fabricated metal products	210	230	240	502
35 Other transport equipment	80	70	80	78
36 Manufacture of furniture	60	100	100	72
37 Other manufacturing industries	50	50	30	671
Total	220	240	252	279

Source: Manufacturing survey, Statistics Dept. Note: ISIC 37 includes 29,30 and 31

Table 4.8: Average production per establishment by Island division for 2000-2003

T\$('000)

Island division	2000	2001	2002	2003
1 Tongatapu	280	320	350	315
2 Vava'u	120	60	63	265
3&4 Ha'apai & 'Eua	30	20	39	55
Total	220	240	252	279

Source: Manufacturing survey, Statistics Dept.

Table 4.9: Average production per establishment by Institutional sector for 2000-2003

T\$('000)

Institutional sector	2000	2001	2002	2003
1 Private	230	240	256	275
2&3 Government and quasi-government	180	220	174	412
Total	220	240	252	279

Source: Manufacturing survey, Statistics Dept.

Table 4.10: Average production per production worker by ISIC division for 2000-2003

T\$('000)

ISIC division	2000	2001	2002	2003
15 Food products and beverages	32	30	28	32
17 Manufacture of textiles	21	19	8	48
18 Manufacture of wearing apparel	10	11	20	10
19 Manufacture of leather products	7	6	0	48
20 Wood and products of wood	2	1	1	13
22 Publishing and printing	12	12	11	12
24 Chemicals and chemical products	87	113	178	47
26 Non-metallic mineral products	48	42	57	51
28 Fabricated metal products	46	47	49	103
35 Other transport equipment	17	16	13	17
36 Manufacture of furniture	20	23	20	14
37 Other manufacturing industries	8	8	71	44
Total	29	27	30	32

Source: Manufacturing survey, Statistics Dept. Note: ISIC 37 includes 29,30 and 31

Table 4.11: Average production per production worker by Island division for 2000-2003

T\$('000)

Island division	2000	2001	2002	2003
1 Tongatapu	30	29	33	30
2 Vava'u	30	15	21	47
3&4 Ha'apai & 'Eua	8	7	10	17
Total	29	27	30	32

Source: Manufacturing survey, Statistics Dept.

Table 4.12: Average production per production worker by Institutional sector for 2000-2003

T\$('000)

Institutional sector	2000	2001	2002	2003
1 Private	36	31	32	35
2&3 Government and quasi-government	6	8	7	13
Total	29	27	30	32

Source: Manufacturing survey, Statistics Dept.

Table 4.13: Manufacturing employment by ISIC division for 2000-2003

ISIC division	Number			
	2000	2001	2002	2003
15 Food products and beverages	595	656	704	761
17 Manufacture of textiles	23	23	40	25
18 Manufacture of wearing apparel	49	49	55	60
19 Manufacture of leather products	14	14	14	14
20 Wood and products of wood	84	80	77	87
22 Publishing and printing	114	109	109	108
24 Chemicals and chemical products	58	31	29	31
26 Non-metallic mineral products	76	71	70	87
28 Fabricated metal products	36	37	37	36
35 Other transport equipment	19	15	19	12
36 Manufacture of furniture	87	83	90	102
37 Other manufacturing industries	20	20	14	52
Total	1,175	1,188	1258	1375

Source: Manufacturing survey, Statistics Dept. Note: ISIC 37 includes 29,30 and 31

Table 4.14: Manufacturing employment by Island division for 2000-2003

Island division	Number			
	2000	2001	2002	2003
1 Tongatapu	957	990	1,013	1104
2 Vava'u	135	121	165	219
3&4 Ha'apai & 'Eua	83	77	80	52
Total	1,175	1,188	1,258	1375

Source: Manufacturing survey, Statistics Dept.

Table 4.15: Manufacturing employment by Institutional sector for 2000-2003

Institutional sector	Number			
	2000	2001	2002	2003
1 Private	967	1,029	1103	1215
2&3 Government and quasi-government	208	159	155	160
Total	1,175	1,188	1,258	1375

Source: Manufacturing survey, Statistics Dept.

Table 4.16: Percentage distribution of manufacturing employment by ISIC division for 2000-2003

Percentages

ISIC division	2000	2001	2002	2003
15 Food products and beverages	50.6	55.2	55.9	55.3
17 Manufacture of textiles	2.0	1.9	3.3	1.8
18 Manufacture of wearing apparel	4.2	4.1	4.5	4.3
19 Manufacture of leather products	1.2	1.2	1.1	1.0
20 Wood and products of wood	7.1	6.7	6.3	6.3
22 Publishing and printing	9.7	9.2	8.9	7.9
24 Chemicals and chemical products	4.9	2.6	2.4	2.3
26 Non-metallic mineral products	6.5	6.0	5.7	6.3
28 Fabricated metal products	3.1	3.1	3.0	2.6
35 Other transport equipment	1.6	1.3	1.6	1.0
36 Manufacture of furniture	7.4	7.0	7.4	7.4
37 Other manufacturing industries	1.7	1.7	1.1	3.7
Total	100.0	100.0	100.0	100.0

Source: Manufacturing survey, Statistics Dept. Note: ISIC 37 includes 29,30 and 31

Table 4.17: Percentage distribution of manufacturing employment by Island division for 2000-2003

Percentages

Island division	2000	2001	2002	2003
1 Tongatapu	81.4	83.3	80.5	80.3
2 Vava'u	11.5	10.2	13.1	15.9
3&4 Ha'apai & 'Eua	7.1	6.5	6.3	3.8
Total	100.0	100.0	100.0	100.0

Source: Manufacturing survey, Statistics Dept.

Table 4.18: Percentage distribution of manufacturing employment by Institutional sector for 2000-2003

Percentages

Institutional sector	2000	2001	2002	2003
1 Private	82.3	86.6	87.8	88.4
2&3 Government and quasi-government	17.7	13.4	12.2	11.6
Total	100.0	100.0	100.0	100.0

Source: Manufacturing survey, Statistics Dept.

Table 4.19: Number of manufacturing production workers by ISIC division for 2000-2003

<i>Number</i>				
ISIC division	2000	2001	2002	2003
15 Food products and beverages	441	519	580	621
17 Manufacture of textiles	13	19	35	20
18 Manufacture of wearing apparel	25	32	34	37
19 Manufacture of leather products	11	11	11	11
20 Wood and products of wood	84	83	60	87
22 Publishing and printing	105	106	106	103
24 Chemicals and chemical products	49	26	26	28
26 Non-metallic mineral products	53	70	61	80
28 Fabricated metal products	32	35	34	34
35 Other transport equipment	14	14	18	11
36 Manufacture of furniture	47	68	75	80
37 Other manufacturing industries	19	18	10	38
Total	893	1,001	1,050	1146

Source: Manufacturing survey, Statistics Dept. Note: ISIC 37 includes 29,30 and 31

Table 4.20: Number of manufacturing production workers by Island division for 2000-2003

<i>Number</i>				
Island division	2000	2001	2002	2003
1 Tongatapu	762	879	922	937
2 Vava'u	93	81	86	170
3&4 Ha'apai & 'Eua	38	41	42	39
Total	893	1,001	1,050	1146

Table 4.21: Number of manufacturing production workers by Institutional sector for 2000-2003

<i>Number</i>				
Institutional sector	2000	2001	2002	2003
1 Private	691	839	895	991
2&3 Government and quasi-government	202	162	155	155
Total	893	1,001	1,050	1146

Table 4.22: Manufacturing wages and salaries by ISIC division for 2000-2003

T\$('000)

ISIC division	2000	2001	2002	2003
15 Food products and beverages	1,682	2,238	2,511	2804
17 Manufacture of textiles	51	57	114	101
18 Manufacture of wearing apparel	115	109	142	178
19 Manufacture of leather products	42	44	44	44
20 Wood and products of wood	279	230	274	225
22 Publishing and printing	609	642	648	610
24 Chemicals and chemical products	163	128	132	154
26 Non-metallic mineral products	381	342	337	347
28 Fabricated metal products	134	172	144	140
35 Other transport equipment	65	52	54	73
36 Manufacture of furniture	414	490	390	555
37 Other manufacturing industries	96	100	66	123
Total	4,031	4,604	4,857	5354

Source: Manufacturing survey, Statistics Dept. Note: ISIC 37 includes 29,30 and 31

Table 4.23: Manufacturing wages and salaries by Island division for 2000-2003

T\$('000)

Island division	2000	2001	2002	2003
1 Tongatapu	3,616	4,253	4,225	4461
2 Vava'u	283	257	295	772
3&4 Ha'apai & 'Eua	133	95	121	121
Total	4,031	4,604	4,857	5354

Source: Manufacturing survey, Statistics Dept.

Table 4.24: Manufacturing wages and salaries by Institutional sector for 2000-2003

T\$('000)

Institutional sector	2000	2001	2002	2003
1 Private	3,196	3,886	3,879	4689
2&3 Government and quasi-government	835	719	763	665
Total	4,031	4,604	4,857	5354

Source: Manufacturing survey, Statistics Dept.

Table 4.25: Percentage distribution of manufacturing wages and salaries by ISIC division for 2000-2003

Percentages

ISIC division	2000	2001	2002	2003
15 Food products and beverages	41.7	48.6	52.0	52.4
17 Manufacture of textiles	1.3	1.2	2.5	1.9
18 Manufacture of wearing apparel	2.9	2.4	3.1	3.3
19 Manufacture of leather products	1.0	1.0	0.9	0.8
20 Wood and products of wood	6.9	5.0	5.9	4.2
22 Publishing and printing	15.1	14.0	14.0	11.4
24 Chemicals and chemical products	4.0	2.8	2.8	2.9
26 Non-metallic mineral products	9.4	7.4	7.3	6.5
28 Fabricated metal products	3.3	3.7	3.1	2.6
35 Other transport equipment	1.6	1.1	1.2	1.4
36 Manufacture of furniture	10.3	10.6	8.4	10.4
37 Other manufacturing industries	2.4	2.2	1.4	2.2
Total	100.0	100.0	100.0	100.0

Source: Manufacturing survey, Statistics Dept. Note: ISIC 37 includes 29,30 and 31

Table 4.26: Percentage distribution of manufacturing wages and salaries by Island division for 2000-2003

Percentages

Island division	2000	2001	2002	2003
1 Tongatapu	89.7	92.4	91.0	83.3
2 Vava'u	7.0	5.6	6.4	14.4
3&4 Ha'apai & 'Eua	3.3	2.1	2.6	2.3
Total	100.0	100.0	100.0	100.0

Source: Manufacturing survey, Statistics Dept.

Table 4.27: Percentage distribution of manufacturing wages and salaries by Institutional sector for 2000-2003

Percentages

Institutional sector	2000	2001	2002	2003
1 Private	79.3	84.4	83.6	87.6
2&3 Government and quasi-government	20.7	15.6	16.4	12.4
Total	100.0	100.0	100.0	100.0

Source: Manufacturing survey, Statistics Dept.

Table 4.28: Wages and salaries of production workers by ISIC division for 2000-2003

T\$('000)

ISIC division	2000	2001	2002	2003
15 Food products and beverages	1,252	1,739	1,986	2,309
17 Manufacture of textiles	34	57	114	79
18 Manufacture of wearing apparel	65	79	88	113
19 Manufacture of leather products	16	17	17	17
20 Wood and products of wood	279	230	274	225
22 Publishing and printing	541	588	593	548
24 Chemicals and chemical products	98	68	75	80
26 Non-metallic mineral products	285	339	277	308
28 Fabricated metal products	125	155	134	130
35 Other transport equipment	53	49	51	58
36 Manufacture of furniture	242	347	288	425
37 Other manufacturing industries	69	74	27	70
Total	3,059	3,742	3,924	4,362

Source: Manufacturing survey, Statistics Dept. Note: ISIC 37 includes 29,30 and 31

Table 4.29: Wages and salaries of production workers by Island division for 2000-2003

T\$('000)

Island division	2000	2001	2002	2003
1 Tongatapu	2,702	3,478	3,620	3,558
2 Vava'u	232	175	188	683
3&4 Ha'apai & 'Eua	124	89	116	121
Total	3,059	3,742	3,924	4,362

Source: Manufacturing survey, Statistics Dept.

Table 4.30: Wages and salaries of production workers by Institutional sector for 2000-2003

T\$('000)

Institutional sector	2000	2001	2002	2003
1 Private	2,270	3,023	3,161	3,697
2&3 Government and quasi-government	789	719	763	665
Total	3,059	3,742	3,924	4,362

Source: Manufacturing survey, Statistics Dept.

Table 4.31: Average weekly wage rate for production worker by ISIC division 2000-2003

T\$

ISIC division	2000	2001	2002	2003
15 Food products and beverages	55	64	62	72
17 Manufacture of textiles	51	58	63	76
18 Manufacture of wearing apparel	50	48	50	59
19 Manufacture of leather products	27	29	30	30
20 Wood and products of wood	64	53	88	103
22 Publishing and printing	99	107	108	102
24 Chemicals and chemical products	38	50	55	55
26 Non-metallic mineral products	103	93	87	74
28 Fabricated metal products	75	85	76	73
35 Other transport equipment	73	67	54	101
36 Manufacture of furniture	99	98	74	102
37 Other manufacturing industries	70	79	51	30
Total	66	72	71	73

Source: Manufacturing survey, Statistics Dept. Note: ISIC 37 includes 29,30 and 31.

Table 4.32: Average weekly wage rate for production worker by Island division 2000-2003

T\$

Island division	2000	2001	2002	2003
1 Tongatapu	68	76	75	75
2 Vava'u	48	41	60	60
3&4 Ha'apai & 'Eua	63	42	53	53
Total	66	72	71	73

Source: Manufacturing survey, Statistics Dept.

Table 4.33: Average weekly wage rate for production worker by Institutional sector 2000-2003

T\$

Institutional sector	2000	2001	2002	2003
1 Private	63	69	67	68
2&3 Government and quasi-government	75	85	95	95
Total	66	72	71	73

Source: Manufacturing survey, Statistics Dept.

Table 4.34: Number of manufacturing establishments by ISIC division for 2000-2003

ISIC division	Number			
	2000	2001	2002	2003
15 Food products and beverages	50	51	60	62
17 Manufacture of textiles	4	4	4	3
18 Manufacture of wearing apparel	10	11	12	14
19 Manufacture of leather products	2	2	2	2
20 Wood and products of wood	4	4	4	4
22 Publishing and printing	3	3	3	4
24 Chemicals and chemical products	5	4	4	4
26 Non-metallic mineral products	8	7	7	9
28 Fabricated metal products	7	7	7	7
35 Other transport equipment	3	3	3	2
36 Manufacture of furniture	16	16	15	16
37 Other manufacturing industries	3	3	2	3
Total	115	115	123	130

Source: Manufacturing survey, Statistics Dept. Note: ISIC 37 includes 29,30 and 31

Table 4.35: Number of manufacturing establishments by Island division for 2000-2003

Island division	Number			
	2000	2001	2002	2003
1 Tongatapu	82	82	82	88
2 Vava'u	23	22	30	30
3&4 Ha'apai & 'Eua	10	11	11	12
Total	115	115	123	130

Source: Manufacturing survey, Statistics Dept.

Table 4.36: Number of manufacturing establishments by Institutional sector for 2000-2003

Institutional sector	Number			
	2000	2001	2002	2003
1 Private	108	109	117	125
2&3 Government and quasi-government	7	6	6	5
Total	115	115	123	130

Source: Manufacturing survey, Statistics Dept.

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"INFORMATION BEING COLLECTED UNDER SECTION 8(3) OF STATISTICS ACT 1978 (ACT No. 31)"

1

3. EMPLOYMENT AND WAGES/SALARIES

3.1 Category of Employees:

a. Working Proprietors and Active Partners

b. Production Workers:

1. Regular/Full-time

2. Part-time/Casual/Daily Paid

c. Unpaid Family Workers

d. All Other Employees

Total Male

Total Female

GRAND TOTAL

3.2 Memorandum item: Wages and Salaries

Paid in kind; estimated value

QUARTER: January-March								
Month:			Month:			Month:		
Sex	No.	Wages & Salaries Paid (T\$)	Sex	No.	Wages & Salaries Paid (T\$)	Sex	No.	Wages & Salaries Paid (T\$)
1	2	3	4	5	6	7	8	9
M			M			M		
F			F			F		
M			M			M		
F			F			F		
M			M			M		
F			F			F		
M			M			M		
F			F			F		
M			M			M		
F			F			F		
M			M			M		
F			F			F		
No.			No.			No.		
	(T\$)			(T\$)			(T\$)	

Note: M (Male) F (Female)

4. DECLARATION:

"I declare that the information furnished is complete and correct to the best of my knowledge."

Name: _____

Position: _____

Date: ____/____/____

**INSTRUCTIONS FOR COMPLETING THE QUESTIONNAIRE ON QUARTERLY SURVEY
OF MANUFACTURING PRODUCTION, EMPLOYMENT AND WAGES/SALARIES.**

1. GENERAL

Please note that the code number on the right hand corner of the questionnaire is your establishment's code number based on the Register of Establishments maintained in the Statistics Department. The information, being requested should relate only to the quarter referred to in the questionnaire.

2. PRODUCTION

2.1 Please enter all the products produced by the establishment and for each such product please: -

- i) Specify the unit used for measuring each product (e.g. kg, dozen, litre etc.)
- ii) Enter the average quantity, in the unit stated in (I) above, of the products produced during each month of the reference quarter.
- iii) Enter the average ex-factory value of the quantity referred to in (II) above.

2.2 Enter here the total value of the products other than the main ones mentioned in 2.1 manufactured by the establishment.

2.3 Enter here the total value of work done by your establishment for others.

3. EMPLOYMENT AND WAGES/SALARIES

For each category of employees (at 3.1 a to d) please: -

- i) Enter in the column “No” either column 2,5 and 8 the total number of persons engaged in the establishment on the last payday of each month of the reference quarter. The family workers working on the last payday should be entered though they may not be paid.
- ii) Enter in column “Wages/Salaries Paid” either column 3, 6 and 9 the total amount of wages and salaries paid to employees by cash/cheque as compensation for the services rendered by them. This should include all payments made on account of bonuses, cost of living allowances and wages paid during vacation and sick leave for the reference period. Payments made to (1) regular/full-time and (2) part-time/casual and daily paid workers should be shown separately.

3.1 Category of Employees: -

- a) **Working proprietors and active partners:** are all individual proprietors and partners who are actively engaged in the work of the establishment.
- b) **Production workers:** are those who are directly engaged for pay in the production activities of the establishment. They may be full-time/regular or part-time/casual/daily paid.
- c) **Unpaid family workers:** refers to all such family members working in the establishment without regular pay at least one-third of the normal working time.
- d) **Other employees:** refers to all persons other than those listed above working in the establishment. This shall include administrative, technical and clerical personnel such as salaried Managers, Directors, Clerks, Typist, Bookkeepers, Administrative Supervisors, Salesmen, etc. Proprietors and partners shall be excluded in here but included under 3.1(a) above.

3.2 Memorandum items: (wages and salaries paid in kind) refers to the net cost to the employer, of those goods and services provided to employees free of charge or at a markedly reduced cost which are clearly of benefit to employees. The items included normally are food, beverages, tobacco, clothing etc. Note that an estimated value of these items will be acceptable.

**NGAAHI FAKAHINOHI ‘O E FOOMU FEHU’I FEKAU’AKI MO E SAVEA FAKAKUATA
‘O E NGAAHI NGAUE’ANGA NGAOHI KOLOA.**

1. FAKALUKUFUA

Kataki ‘o fakatokanga’i ange ko e fika mo e fakamatala kotoa pe teke ‘omai ‘e tauhi fakapulipuli ia ‘i he potungaue pea ‘e ‘ikai ke to e faka’aonga’i ia ki ha ‘uhinga kehe. Ko e fika ko ia he ki’i puha he tuliki to’omata’u ‘i ‘olunga, ko e fika ia ho fale ngaue’anga ‘o fakatatau ki he lekooti ‘oku mau tauhi he potungaue ni. Ko e ngaahi fakamatala mo e fika kotoa pe ‘a ia ‘oku fai ki ai e faka’eke’eke ni kuo pau ke fekau’aki ia mo e kuata ‘oku fakaha atu he foomu fehu’i.

2. KOLOA NA’E NGAOHI

2.1 Kataki ‘o lisi mai e ngaahi koloa kehekehe kotoa pe na’e ngaohi ‘i ho fale ngaue lolotonga e kuata ko ia ‘oku fai ki ai e faka’eke’eke pea kataki ‘o: -

- I) Fokotu’u mai he kolomu 2 ‘a e ‘iuniti takitaha ‘oku ngaue’aki ki hono fua/lau ‘o e koloa takitaha na’e ngaohi ‘i he ngaue’anga, (hange ko e kilokalami, toseni, lita etc.)
- II) Fakafonu mai he kolomu 3, 5 mo e 7 ‘a e lahi ‘o e koloa takitaha fakatatau ki he ‘iuniti ‘oku ha ‘i he I) ‘i ‘olunga na’e ngaohi ‘i he ngaue’anga lolotonga e mahina takitaha ‘o e kuata ‘oku fai ki ai e faka’eke’eke.
- III) Fakafonu ‘i he kolomu 4, 6 mo e 8 ‘a e mahu’inga e koloa takitaha na’e ngaohi ‘i he ngaue’anga fakatatau ki he lahi ‘oku ha ‘i he II) ‘i ‘olunga lolotonga e mahina takitaha ‘o e kuata ko ia.

2.2 Fakafonu mai e mahu’inga fakakatoa e ngaahi koloa na’e ngaohi kehe mei he koloa ‘oku ha ‘i he 2.1.

2.3 Fakafonu e mahu’inga fakakatoa e pa’anga na’e ma’u mai ‘i ha ngaue kehe na’e fai ‘i he ngaue’anga (hange ko e ngaue konituleki).

3. KAU NGAUE MO E VAHENG

‘I hono fakakalakalasi ‘o e kau ngaue (‘i he 3.1 (a ki he h)) kataki: -

- i) Hanga ‘o fakafonu ange ‘i he kolomu 2, 5 mo e 8 ‘a e tokolahi fakakatoa e kau ngaue he mahina takitaha ‘o e kulupu takitaha ‘o e kau ngaue ‘o fakatatau ki hono fakakalakalasi ‘oku ha atu.
- ii) Fakafonu ange he kolomu 3, 6 mo e 9 ‘a e fakakatoa e pa’anga vahenga ne ‘oange ki he kulupu takitaha ‘o e kau ngaue lolotonga e mahina takitaha ‘o e kuata.

3.1 Kulupu ‘o e kau ngaue: -

- a) **Tokotaha ‘oku ‘o’ona e ngaue’ang:** ‘oku ‘uhinga ‘eni ki he tokotaha ‘oku ‘o’ona e ngaue’anga pea ne toe ngaue foki ki hono ngaohi e koloa.
- e) **Kau ngaue ‘oku nau ngaohi e koloa:** ‘oku ‘uhinga eni ki he kau ngaue ‘oku nau tautonu ki hono ngaohi e koloa ko ia ‘i he ngaue’anga, hange ko e kau ngaue tu’upau/fakataimi/lau’aho (kau ta’oma, kau ta piliki etc.)
- f) **Memipa ‘o e famili ‘oku ngaue ‘o ‘ikai ha vahenga:** ‘oku ‘uhinga ‘eni ki ha memipa ‘o e famili ‘oku ngaue ‘i he ngaue’anga ‘o ‘ikai ha totongi tu’upau ‘o ‘ikai toe si’i hifo ‘i he vahetolu ‘e taha ‘o e houa ngaue tu’upau.
- h) **Toenga ‘o e kau ngaue:** ‘oku ‘uhinga ‘eni ki he kau ngaue ‘oku ‘ikai ke nau kau ‘i he fa’ahinga ‘o e kau ngaue ‘oku ha atu ‘i ‘olunga, ki hono ngaohi ‘o e koloa, (hange ko e kalake, tauhitohi, le’o, faka’uli, faitaipa etc.) ka ‘oku nau kau he ma’u vahenga he ngaue’anga.

3.2 Ngaahi koloa ‘oku foaki ‘ikai ha totongi: ‘oku ‘uhinga ‘eni ki hono fakamahu’inga’i ki he tokotaha ‘oku ‘a’ana ‘a e ngaue’anga ‘a e ngaahi koloa pe ko e ngaahi ‘aonga ‘o e ngaue’anga ki he kau ngaue ‘o ‘ikai ha totongi pe ko e totongi ‘oku ma’ulalo ange ‘i he totongi totonu (lau ki ai ‘a e me’atokoni, inu, tapaka mo e vala).

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