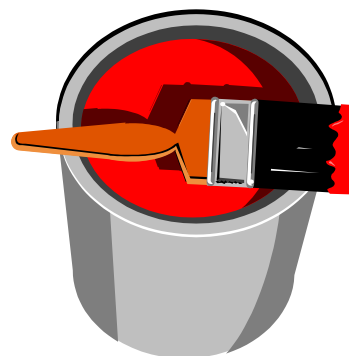




KINGDOM OF TONGA

Statistical Bulletin:

MANUFACTURING OUTPUT, EMPLOYMENT AND WAGES/SALARIES 2000-2004



STATISTICS DEPARTMENT
GOVERNMENT OF TONGA
NUKU'ALOFA
TONGA

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Preface

This is the eleventh 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 2000-2004. 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.

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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 2000-2004. 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 subsequently to the last quarter (October-December) of 2004. This covers establishments on the four main island divisions of Tonga namely Tongatapu, Vava'u, Ha'apai and 'Eua. This 11th Bulletin on manufacturing output, employment and wages and salaries contains data for calendar years 2000-2004.

Response rate

1.7 There is no non-response rate as one of the reason for delaying the publishing of the survey result is 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.)
- 16.** Manufacture of Tobacco Products.(Cigarettes)
- 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
- 21.** Manufacture of Pulp, paper or corrugated, paperboard and articles of paper
- 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.

MAIN RESULTS

2. Main results

The quarterly survey of manufacturing output, employment and wages/salaries for year 2004 was carried out by the Statistics Department of Tonga between 2004 and 2005. 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 Niuas were excluded from the survey.

Table 1: Summary of the survey results for year 2000-2004:

Item	Unit	2000	2001	2002	2003	2004
1. Establishments covered	No.	115	115	123	130	127
2. Total production	T\$(‘000)	26,407	28,248	31,037	36,319	31,849
3. Persons employed	No.	1,175	1,188	1,258	1,375	1,333
4. Wages and salaries	T\$(‘000)	4,031	4,604	4,642	5,354	5,606

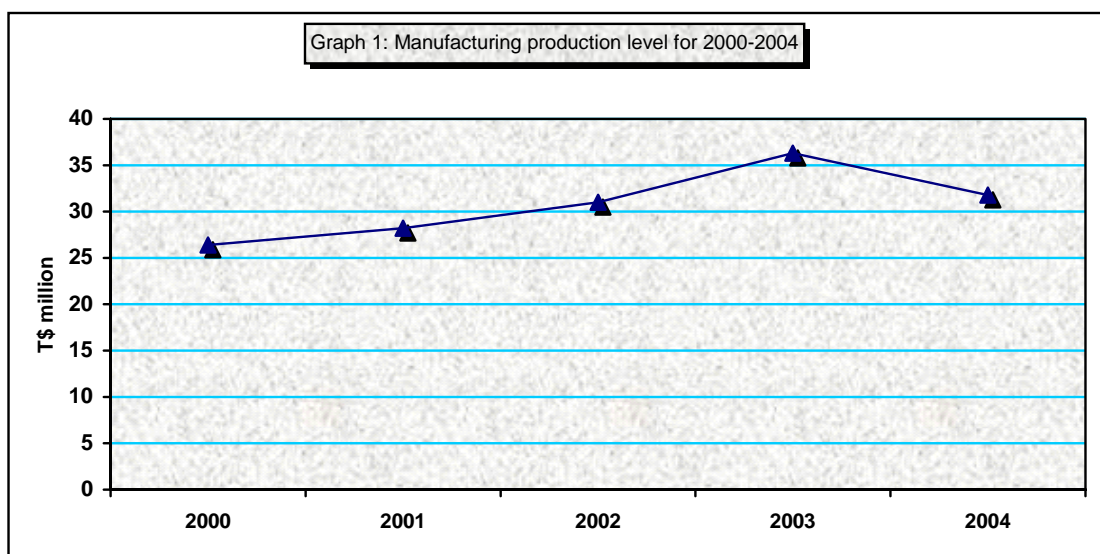
Source: Manufacturing survey, Statistics Dept.

Manufacturing production

In Tonga, total manufacturing production in 2004 stood at 32 million pa’anga, decreased by 12 percent from the Manufacturing Production of \$36 million in 2003, which occurred between the main groups of Food Products and Beverages, down by 17%, Non Metallic mineral Products, down by 41% and other Manufacturing, down by 37%. These decreases were offset by increases of other groups (table 2).

Graph 1 below shows that total production increased from 26 million pa’anga in 2000 to 32 million in 2004 by 21%. The group of Manufactures of Furnitures showed there, a jump of 77% while 41% increase from 2003-2004 followed by Fabricated metal products by 30%, Chemicals and Chemical products by 27% and Publishing and Printing by 6%.

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



Source: Manufacturing survey, Statistics Dept.

The decrease in production was represented by the number of establishments closed compared to 2003. This was particularly to Non Metallic Mineral products (Concrete blocks and water tank) followed by Other Manufacturing Industries.

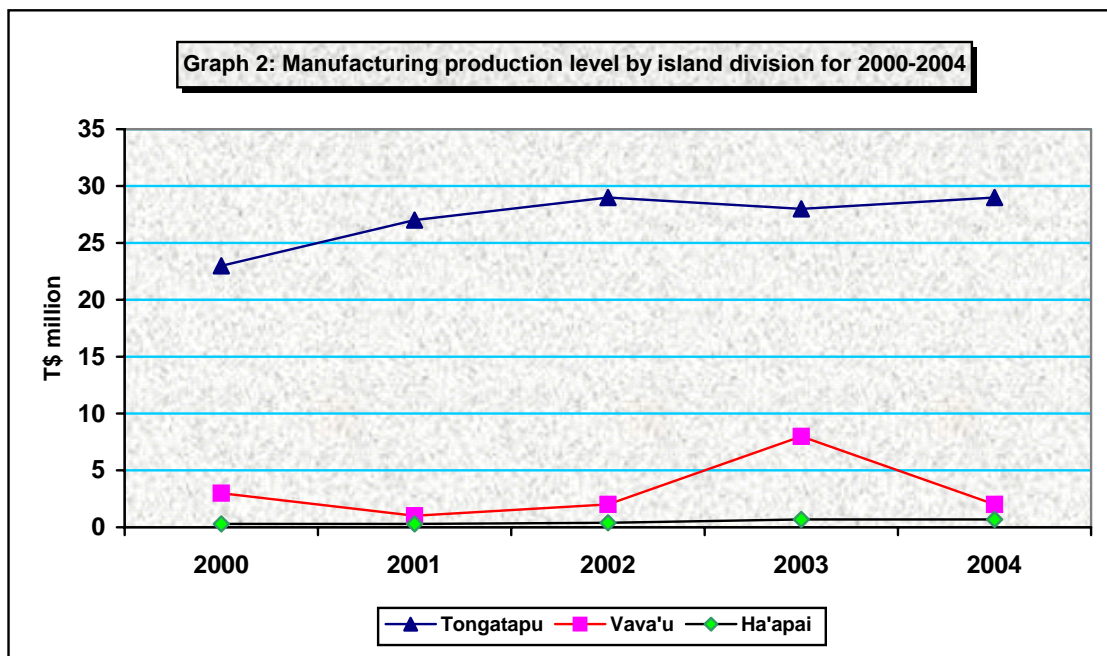
In 2004, Food Products and Beverages industries contributed 19 million pa'anga (58%) of the total value of Production compared to 61% in 2003. Chemicals and Chemicals products contributed 5 million (16%) and Non Metallic Mineral Products, contributed 2 million (6%). **Table 2** below shows some more detailed revised information on production by ISIC division

Table 2: Manufacturing production by ISIC division for 2000-2004

T\$('000)					
ISIC division	2000	2001	2002	2003	2004
15 Food products and beverages	15,573	16,662	17,640	22,249	18,514
22 Publishing and printing	1,260	1,269	1,141	1,311	1,389
24 Chemicals and chemical products	4,263	2,949	4,616	4,113	5,204
26 Non-metallic mineral products	1,863	3,068	3,226	3,520	2,062
28 Fabricated metal products	1,459	1,640	1,682	807	1,052
36 Manufactures of Furnitures	9,17	1,570	1,530	1,150	1,621
37 Other manufacturing industries	1,072	1,090	1,202	3,169	2,007
Total	26,407	28,248	31,037	36,319	31,849

Source: Manufacturing survey, Statistics Dept. Note: ISIC 37 includes 16, 17, 18, 19, 2, 021, 29, 30, 31 and, 35

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 29 million pa'anga in 2004.



Source: Manufacturing survey, Statistics Dept.

In Tongatapu, although there was a decrease value of major industries like Foods and Beverages still contributing 50%, Chemicals and Chemicals Products with 16% to the total manufacturing of Tonga and new establishments with significant contribution were also recognized.

Over the years 2000 in comparison to, 2004 the total Production from Vava'u declined by 17% although 71% down between 2003-2004, where vanilla production was the main effect.

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.

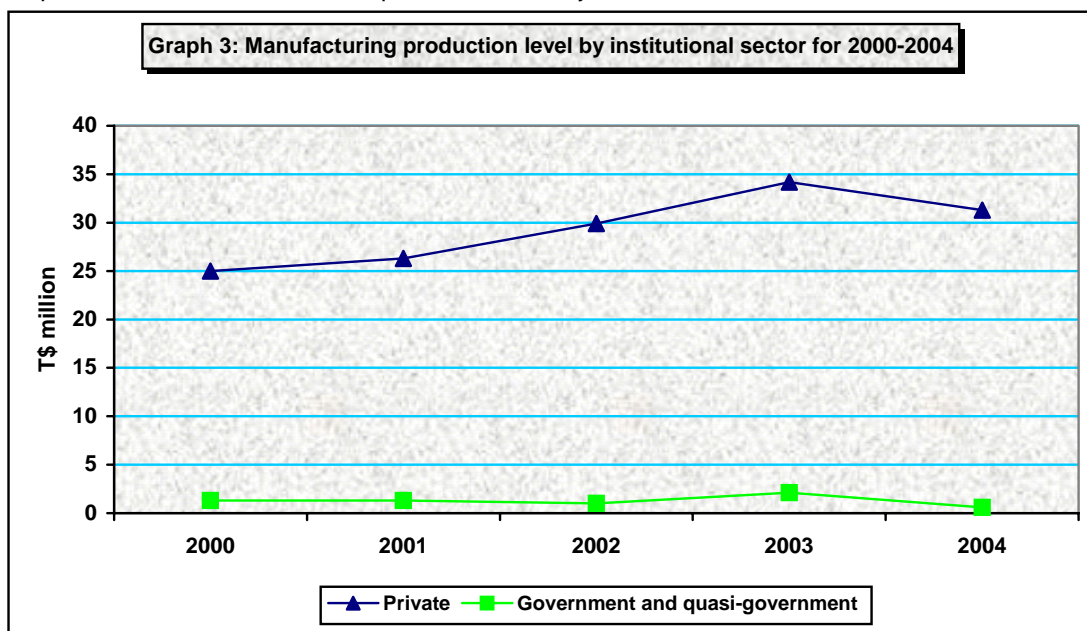
Table 3: Manufacturing production by Island division for 2000-2004

T\$('000)					
Island division	2000	2001	2002	2003	2004
1 Tongatapu	23,329	26,754	28,771	27,713	28,859
2 Vava'u	2,776	1,226	1,841	7,945	2,287
3&4 Ha'apai & 'Eua	302	268	425	661	703
Total	26,407	28,248	31,037	36,319	31,849

Source: Manufacturing survey, Statistics Dept.

In terms of institutional sector, the private sector showed a decreased by 9 percent from 34 million in 2003 to 31 million pa'anga in 2004. This was a result of decreased in production of Food Products and Beverages by 17 percent, non-metallic mineral products 41percent and Other manufacturing industries by 37 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 31million pa'anga (98%) for 2004 compared to 94% in 2003, while only about 1million or (2%) during 2004 compared to 6% of 2003, contributed by the government and quasi-government sector for the total Production. Table 4 below shows the contribution of the institutional sectors to manufacturing production.

Table 4: Manufacturing production by Institutional sector for 2000-2004

T\$('000)

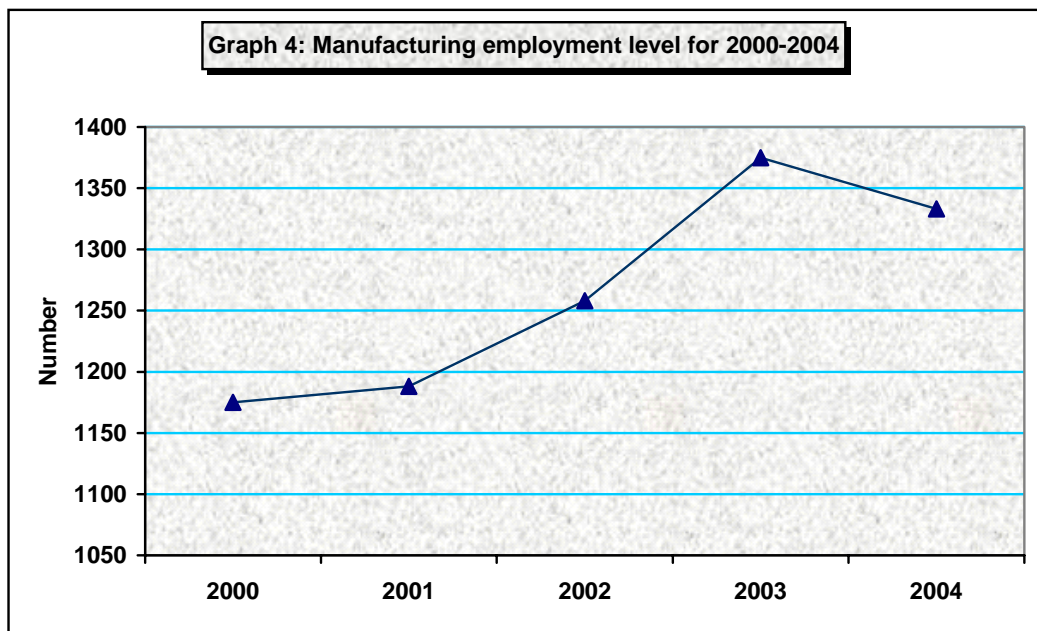
Institutional sector	2000	2001	2002	2003	2004
1 Private	25,147	26,342	29,994	34,255	31,298
2&3 Government and quasi-government	1,260	1,289	1,043	2,064	551
Total	26407	27631	31037	36,319	31,849

Source: Manufacturing survey, Statistics Dept.

Manufacturing employment

There was a total of 1,333 persons engaged in the manufacturing sector in 2004, representing a 3 percent decreased from 1375 employed in 2003. Over the years 2000-2004 the Manufacturing employment increased by 13 percent in where Food products and Beverages increased by 38 percent and Fabricated metal Products increased by 11 percent.

Graph 4 below shows the trend of manufacturing employment between the years 2000 to 2004.



Source: Manufacturing survey, Statistics Dept.

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

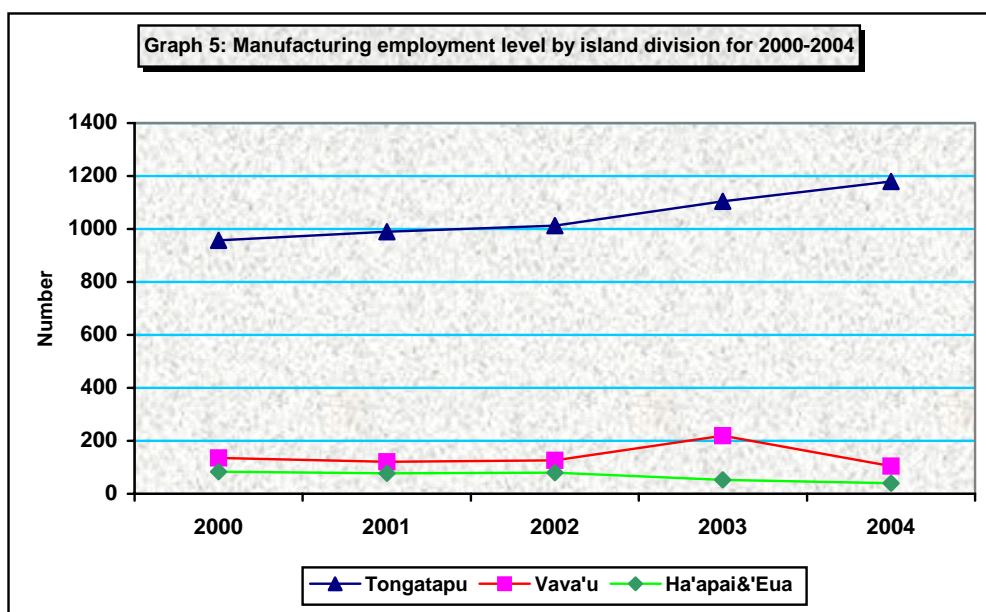
Out of every 100 persons employed in manufacturing in 2004, 62 were employed in the manufacturing of food products and beverages, 6 in wood and Products of Wood, 8 in publishing and printing, 5 in manufacturing of furniture, 2 with non-metallic mineral products and 14 with other manufacturing industries.

Table 5: Manufacturing employment by ISIC division for 2000-2004

ISIC division	Number				
	2000	2001	2002	2003	2004
15 Food products and beverages	595	656	704	761	825
20 Wood and products of wood	84	80	77	87	79
22 Publishing and printing	114	109	109	108	102
26 Non-metallic mineral products	76	71	70	87	30
28 Fabricated Metal Products	36	37	37	36	41
36 Manufacture of furniture	87	83	90	102	70
37 Other manufacturing industries	183	152	171	194	186
Total	1,175	1,188	1,258	1375	1333

Source: Manufacturing survey, Statistics Dept. Note: ISIC 37 includes 16,17,18,19,21,24,,29,30,31 and 35

Between 2000 and 2004, employment in manufacturing in Tongatapu increased by almost 23 percent. There was a dropped by 23% in number of people employing in Vava'u while Ha'apai and Eua (taken together) continued dropped.



Source: Manufacturing survey, Statistics Dept.

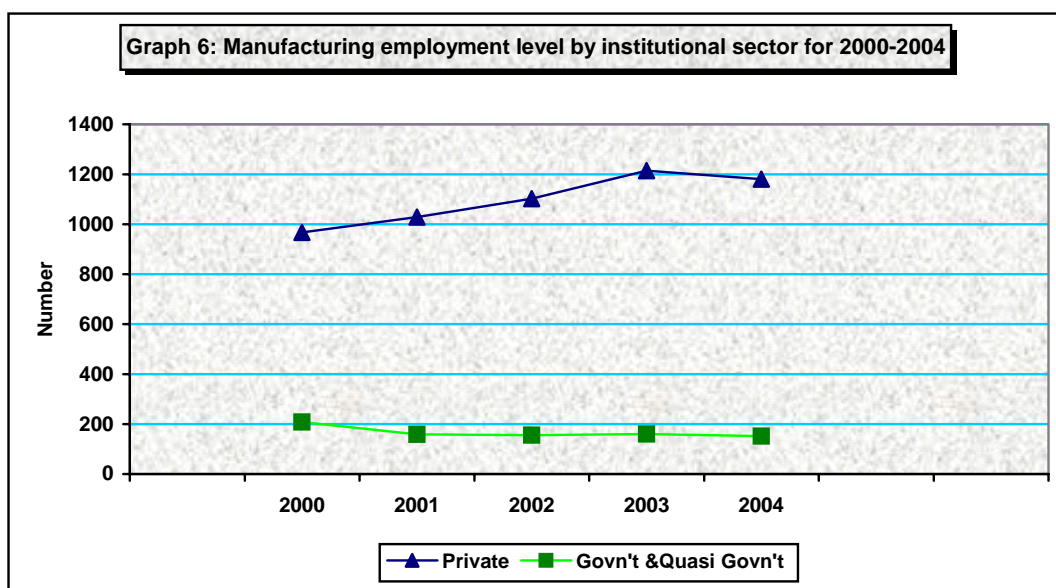
By island division, as shown in table 6 below, Tongatapu had 1180 (89%) people employed in manufacturing in 2004 while Vava'u had 105(8%) and Ha'apai and 'Eua between them had 40 (3%). Table 6 below shows more information on employment level by island division.

Table 6: Manufacturing employment by Island division for 2000-2004

Island division	<i>Number</i>				
	2000	2001	2002	2003	2004
1 Tongatapu	957	990	1052	1104	1180
2 Vava'u	135	121	126	219	105
3&4 Ha'apai & 'Eua	83	77	80	52	40
Total	1,175	1,188	1258	1375	1333

Source: Manufacturing survey, Statistics Dept.

Employment in the private sector has decreased by 3 percent, from 1,215 in 2003 to 1,181 in 2004. In particular, there were increases in the number employed in Food and Beverages and Fabricated Metal Products. The number employed in manufacturing by the government and quasi-government sector remained around 200 between 2000 and 2004.



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	<i>Number</i>				
	2000	2001	2002	2003	2004
1 Private	967	1,029	1103	1215	1181
2&3 Government and quasi-government	208	159	155	160	152
Total	1,175	1,188	1,258	1375	1333

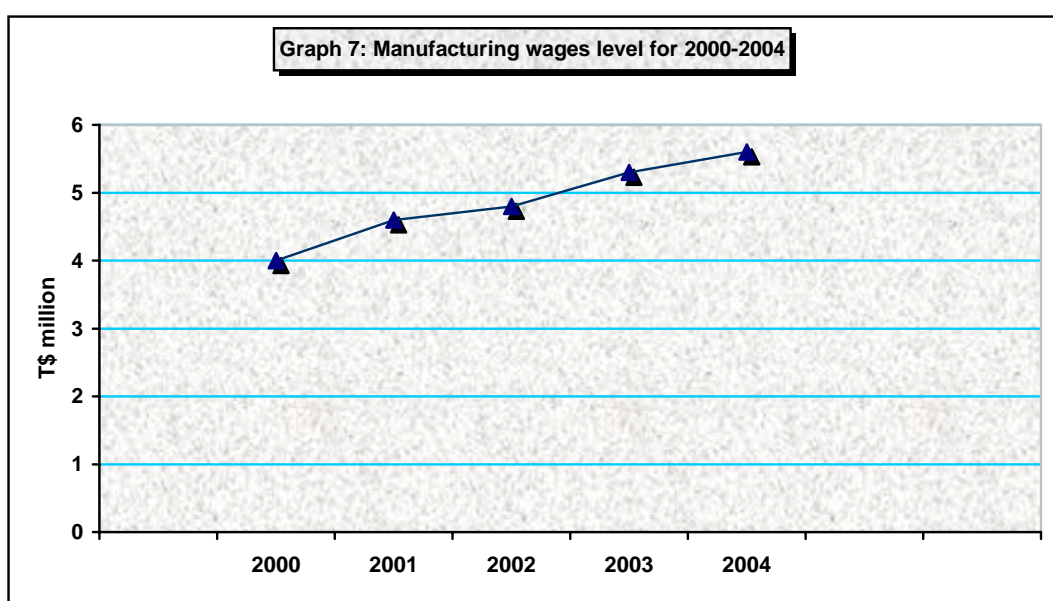
Source: Manufacturing survey, Statistics Dept.

❑ Manufacturing wages/salaries

Total manufacturing wages and salaries increased by 39 percent from year 2000 to 2004, while an increase of 8 percent on wages of Food products and Beverages, 3 percent on Wood and Products of Wood and Fabricated metal products by 165 percent between 2003 and 2004.

As shown in **Graph 7** below, total wages and salaries have increasingly raised from 4.0 million pa'anga in 2000 to 5.6 million in 2004. Over the same period, total wages/salaries increased by 81 percent for the Food products and Beverages industry, 176 percent for Fabricated metal products and 55 percent for Other Manufacturing Industries which offset by the decrease in wood and Products of wood by 17 percent, Publishing and Printing by 8 percent and 65 percent for Non Metallic mineral product wages and salaries.

Graph 7 below shows the total manufacturing wages and salaries between the years 2000-2004.



Source: Manufacturing survey, Statistics Dept.

In 2004, Wages and Salaries for Food Products and Beverages industry placed at around 3.0 million pa'anga, accounted 54 percent of the total wages and salaries, followed by publishing and printing with 0.6 million pa'anga (11%), and manufacture of furniture with 0.4 million pa'anga (8%).

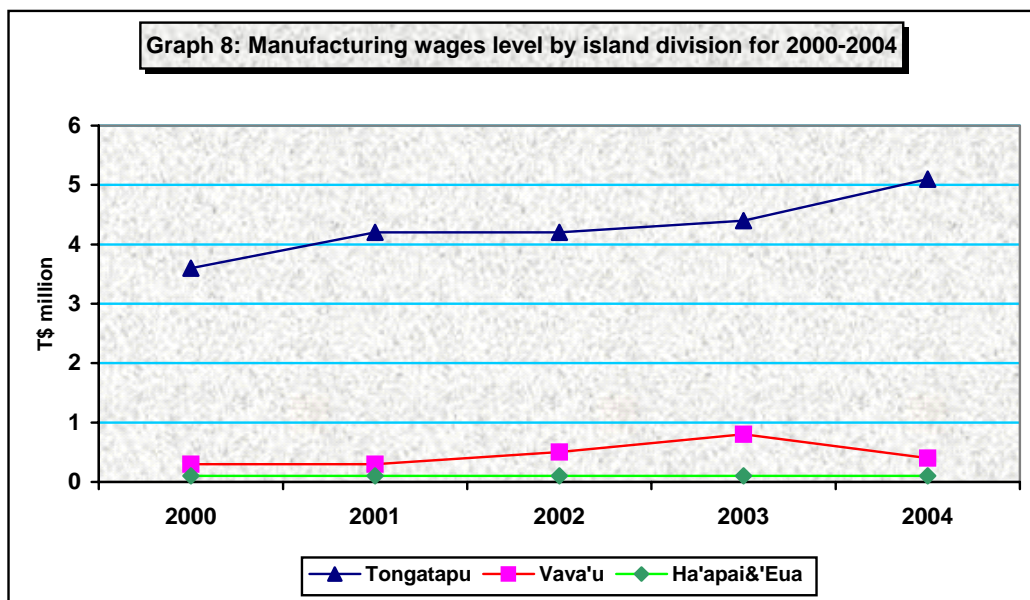
Table 8: Manufacturing wages and salaries by ISIC division for 2000-2004

ISIC division	T\$('000)				
	2000	2001	2002	2003	2004
15 Food products and beverages	1,682	2,238	2,511	2,804	3,037
20 Wood and products of wood	279	230	274	225	231
22 Publishing and printing	609	642	648	610	562
26 Non-metallic mineral products	381	342	337	347	132
28 Fabricated Metal Products	134	172	144	140	371
36 Manufacture of furniture	414	490	390	555	447
37 Other manufacturing industries	532	490	553	673	826
Total	4,031	4,604	4857	5,354	5,606

Source: Manufacturing survey, Statistics Dept. Note: ISIC 37 include 16,17,18,19,21,24,,29,30,31 and 35

In year 2004, about 5.1 million pa'anga (91%) of the total manufacturing wages and salaries were earned by those employed in Tongatapu, the main island, followed by Vava'u with around 0.4 million (7%) and only 0.1 million (2%) combined for Ha'apai and 'Eua.

Graph 8 below shows the trend of manufacturing wages/salaries by island division for 2000-2004



Source: Manufacturing survey, Statistics Dept.

As shown on the graph 9, the 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 in 2002 to 4.7 million for 2003 and 5.0 million in 2004.

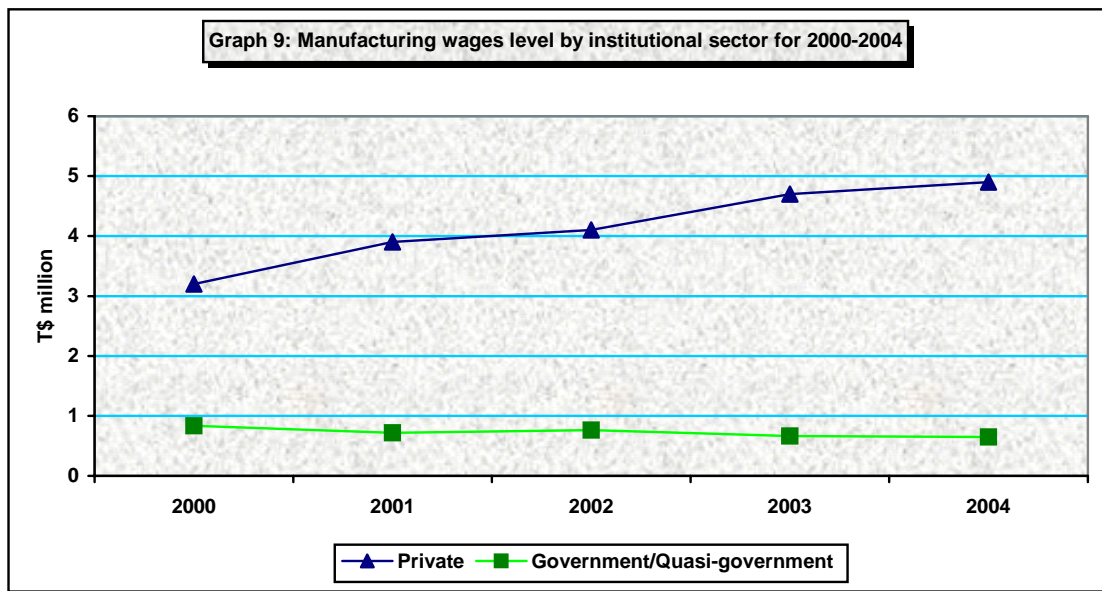
Table 9: Manufacturing wages and salaries by Island division for 2000-2004

Island division	T\$('000)				
	2000	2001	2002	2003	2004
1 Tongatapu	3,616	4,253	4,225	4461	5116
2 Vava'u	283	257	510	772	399
3&4 Ha'apai & 'Eua	133	95	121	121	91
Total	4,031	4,604	4,857	5354	5606

Source: Manufacturing survey, Statistics Dept.

The increasing above occurred in ISIC of Food products and beverages , Fabricated metal products, Wood and Products of Wood 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 2004.



Source: Manufacturing survey, Statistics Dept.

In 2004, manufacturing employees in the private sector received nearly 5 million pa'anga (88%) in wages and salaries, while those in the government and quasi-government sector received over 0.6 million pa'anga (12%).

Table 10: Manufacturing wages and salaries by Institutional sector for 2000-2004

T\$('000)

Institutional sector	2000	2001	2002	2003	2004
1 Private	3,196	3,886	4,094	4,689	4956
2&3 Government and quasi-government	835	719	763	665	650
Total	4,031	4,604	4,857	5,354	5606

Source: Manufacturing survey, Statistics Dept.

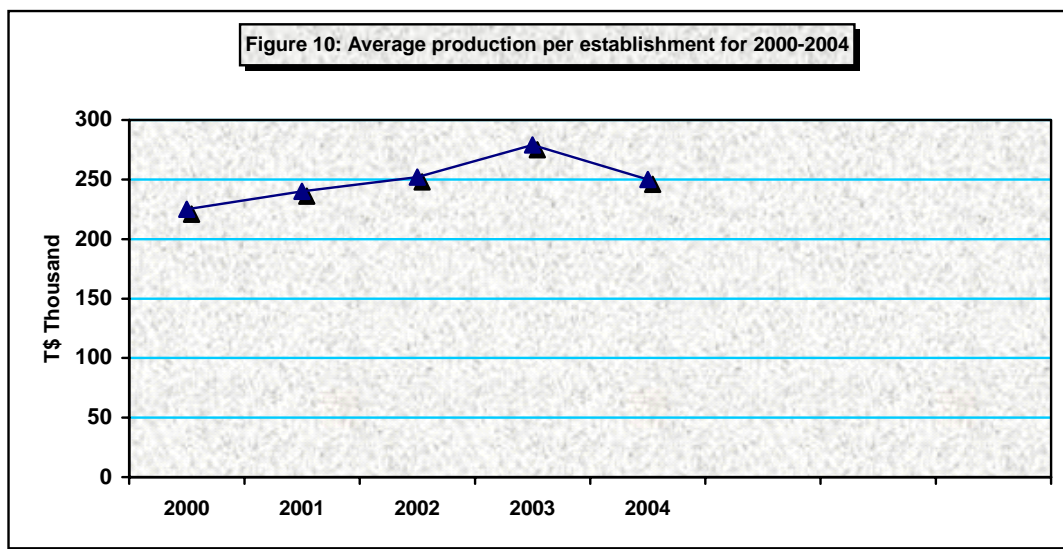
3 Complementary analysis

3.1 Production level

- **Average production per establishment**

The average annual production per establishment for the whole of Tonga has decreased by 10 percent from 279 thousand in 2003 to 250 thousand pa'anga in 2004. This is showed in the group of Food products and beverages decreased by 25 percent.

Graph 10 below shows the average annual production per establishment went up from 225 thousand pa'anga in 2000 to 250 thousand pa'anga in 2004. In terms of production by group, average production has generally been increasing over the 4-years period, with the exception of Food products and Beverages, Publishing and Printing and Fabricated Metal Products. where production level tended to decline.



Source: Manufacturing survey, Statistics Dept.

By looking at industry level of year 2004, some industries produced far more than national average production per establishment level. This led by Chemicals and Chemicals Products by 1,301 thousand pa'anga, Non Metallic mineral products by 412 thousand, Publishing and printing by 347 thousand then Food products and beverages by 268 thousand pa'anga.

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 2000-2004

T\$('000)

ISIC division	2000	2001	2002	2003	2004
15 Food products and beverages	285	310	294	358	268
22 Publishing and printing	420	423	380	327	347
24 Chemicals and chemical products	853	737	1,154	1028	1,301
26 Non-metallic mineral products	317	456	495	391	412
28 Fabricated metal products	208	234	240	115	150
36 Manufacture of Furniture	60	100	100	71	115
37 Other manufacturing industries	362	396	351	113	669
Total	225	240	252	279	250

Source: Manufacturing survey, Statistics Dept. Note: ISIC 37 include 16, 17, 21, 18, 19, 20, 29, 30, 31, and 35

In terms of annual production by island division, Tongatapu produced above the national average per establishment, with an average of 365 thousand pa'anga , Vava'u followed with 71 thousand and Ha'apai and 'Eua combined had an average production of 43 thousand pa'anga.

Table 3.1b: Average production per establishment by Island division for 2000-2004

T\$('000)

Island division	2000	2001	2002	2003	2004
1 Tongatapu	277	319	350	315	365
2 Vava'u	121	56	63	265	71
3&4 Ha'apai & 'Eua	30	24	39	55	43
Total	225	240	252	279	250

Source: Manufacturing survey, Statistics Dept.

In terms of institutional sector, average annual production from 2000 was consistently higher for manufacturing establishments in the private sector then it was for those in the Government and Quasi-government sector. With the exception of 2003 where average production of Government and Quasi Government amounted to \$412 thousand compared to \$275 thousand of Private Sector.

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

T\$('000)

Institutional sector	2000	2001	2002	2003	2004
1 Private	227	242	256	275	256
2&3 Government and quasi-government	180	215	174	412	110
Total	225	240	252	279	250

Source: Manufacturing survey, Statistics Dept.

- **Average production per production worker**

The average production per production worker increased from 22 thousand in 2000 to 27 thousand pa'anga in year 2004. By industry level, some industries produced more than the national average production led by Non Metallic Mineral Products with 85 thousand, Chemicals & Chemicals Products with 52 thousand and Fabricated metal products with 38 thousand.

Table 3.1d: Average production per production worker by ISIC division for 2000-2004

T\$('000)

ISIC division	2000	2001	2002	2003	2004
15 Food product & beverages	32	30	28	36	25
22 Publishing and Printing	12	12	11	13	26
24 Chemicals and chemical products	87	113	178	146	52
26 Non-metallic mineral products	48	46	57	44	85
28 Fabricated metal products	46	47	49	23	38
35 Other transport equipment	17	16	13	14	36
36 Manufactures of Furnitures	20	23	20	14	31
37 Other manufacturing industries	80	80	71	15	15
Total	22	24	30	32	27

Source: Manufacturing survey, Statistics Dept. Note: ISIC 37 include 16, 17, 18, 19, 20, 21, 30 and, 31

In terms of island division, the value produced by production workers in Tongatapu was averaged of 27 thousand pa'anga, followed by Vava'u, Ha'apai and 'Eua by 25 thousand pa'anga respectively.

Table 3.1e: Average production per production worker by Island division for 2000-2004

T\$('000)

Island division	2000	2001	2002	2003	2004
1 Tongatapu	30	30	33	30	27
2 Vava'u	30	15	21	47	25
3&4 Ha'apai & 'Eua	8	7	10	17	25
Total	22	24	30	32	27

Source: Manufacturing survey, Statistics Dept.

Production worker in private sector produced an average production of 30 thousand pa'anga while government and quasi-government only produced 4 thousand, which is very lower than the national average production.

Table 3.1f: Average production per production worker by Institutional sector for 2000-2004

T\$('000)

Institutional sector	2000	2001	2002	2003	2004
2001 Private	36	31	34	35	30
2&3 Government and quasi-government	6	8	7	13	4
Total	22	24	30	32	27

Source: Manufacturing survey, Statistics Dept.

3.2 Employment level

The total number of production worker involved in manufacturing industries has increased by 3 percent from 1,146 number of production worker in 2003 compared to 1,181 in year 2004 with an increase of 18 percent on employment of Food Products and Beverages plus Chemicals and Chemicals product with over 200 percent.

In 2004, Food products and Beverages employed 728 (62%) of total production workers, Chemicals and chemicals products employed 99 (8%), Wood and Products of wood employed 79(7%) Production Workers and Other manufacturing industries was total up to 117(10%) workers.

Table 3.2a: Number of manufacturing production workers by ISIC division for 2000-2004

ISIC division	Number				
	2000	2001	2002	2003	2004
15 Food products and beverages	441	519	582	612	728
20 Wood and products of wood	84	83	60	87	79
22 Publishing and printing	105	106	106	103	54
24 Chemicals and Chemical Products	49	26	26	28	99
26 Non-metallic mineral products	53	70	61	80	24
28 Fabricated Metal Products	32	35	34	34	28
36 Manufacture of furniture	47	68	75	80	52
37 Other manufacturing industries	82	94	106	122	117
Total	893	1,001	1,050	1,146	1,181

Source: Manufacturing survey, Statistics Dept. Note: ISIC 37 include 16, 17, 18, 19, 21, 29, 30, 31 and 35

Tongatapu employed 1059 production worker (90%) of the total production worker, Vava'u got 93 (8%) and only 28 Production worker (2%) in Ha'apai and 'Eua.

Table 3.2b: Number of manufacturing production workers by Island division for 2000-2004

Island division	Number				
	2000	2001	2002	2003	2004
1 Tongatapu	762	879	922	937	1,059
2 Vava'u	93	81	86	170	93
3&4 Ha'apai & 'Eua	38	41	42	39	28
Total	893	1,001	1,050	1,146	1,181

Source: Manufacturing survey, Statistics Dept.

There were 1029 number of production worker (87%) worked for private sector and 152 (13%) employed by government and quasi-government.

Table 3.2c: Number of manufacturing production workers by institutional sector for 2000-2004

Institutional sector	Number				
	2000	2001	2002	2003	2004
1 Private	691	839	895	986	1,029
2&3 Government and quasi-government	202	162	155	155	152
Total	893	1,001	1,050	1,146	1,181

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 3 percent from 71 pa'anga per week in 2002 to 73 pa'anga in 2003, then 1 percent of 74 pa'anga in 2004. From **Table 3.3a** below, it shows that weekly wage rate of Wood and production of Wood went down by 46 , Publishing and Printing by 34 percent and Food and Beverages went down by 11 percent. Again 2004, the group of Fabricated Metal Products, Other Transport Equipment and Manufacture of furniture paid the highest weekly wage rate of 100 pa'anga, Chemicals and Chemical Products, Non-metallic mineral products, Food and Beverages and Publishing and Printing paid weekly average of 80,70.and 60 pa'anga respectively.

Table 3.3a: Average weekly wage rate per production worker by ISIC division for 2000-2004

T\$(000)					
ISIC division	2000	2001	2002	2003	2004
15 Food and Beverages	55.00	64.00	66.00	72.00	64.00
20 Wood and Products of Wood	64.00	53.00	88.00	103.00	56.00
22 Publishing and printing	99.00	107.00	108.00	102.00	67.00
24 Chemicals & Chemical Products	38.00	50.00	55.00	55.00	81.00
26 Non-metallic mineral products	103.00	93.00	87.00	74.00	77.00
28 Fabricated metal products	75.00	85.00	76.00	73.00	197.00
35 Other Transport Equipment	73.00	67.00	54.00	101.00	101.00
36 Manufacture of furniture	99.00	98.00	74.00	102.00	113.00
37 Other Manufacturing Products	70.00	79.00	52.00	30.00	29.00
Total	66.00	72.00	71.00	73.00	74.00

Source: Manufacturing survey, Statistics Dept. Note: ISIC 37 include 16, 17, 18, 19, 21, 29, 30 and 31

Production workers stationed in Tongatapu earned an average weekly wage rate of 74 pa'anga, Vava'u earned 79 pa'anga then Ha'apai and 'Eua, 56 pa'anga.

Table 3.3b: Average weekly wage rate per production worker by Island division for 2000-2004

T\$					
Island division	2000	2001	2002	2003	2004
1 Tongatapu	68.00	76.00	74.00	73.00	74.00
2 Vava'u	48.00	41.00	42.00	77.00	79.00
3&4 Ha'apai & 'Eua	63.00	42.00	53.00	59.00	56.00
Total	66.00	72.00	71.00	73.00	74.00

Source: Manufacturing survey, Statistics Dept.

By looking at sector level, government and quasi-government paid 82 pa'anga while private production worker earned only 73 pa'anga per week.

Table 3.3c: Average weekly wage rate per production worker by Institutional sector for 2000-2004

T\$					
Institutional sector	2000	2001	2002	2003	2004
1 Private	63.00	69.00	66.00	72.00	73.00
2&3 Government and quasi-government	75.00	85.00	95.00	79.00	82.00
Total	66.00	72.00	71.00	73.00	74.00

Source: Manufacturing survey, Statistics Dept.

4. Statistical Tables

Table 4.1: Manufacturing production by ISIC division for 2000-2004

T\$('000)

ISIC division	2000	2001	2002	2003 Revised	2004
15 Food products and beverages	14,239	15,795	17,265	22,249	18,514
17 Manufacture of textiles	278	346	285	354	306
18 Manufacture of wearing apparel	250	338	668	525	359
19 Manufacture of leather products	82	70	0	0	0
20 Wood and products of wood	146	102	42	1,119	79
22 Publishing and printing	1,260	1,269	1,141	1,311	1,389
24 Chemicals and chemical products	4,263	2,949	4,616	4,113	5,204
26 Non-metallic mineral products	2,536	3,190	3,462	3,520	2,062
28 Fabricated metal products	1,459	1,640	1,682	807	1,052
35 Other transport equipment	244	220	236	155	294
36 Manufacture of furniture	917	1,570	1,530	1,150	1,621
37 Other manufacturing industries	732	759	115	1016	969
Total	26,407	28,248	31,037	36,319	31,849

Source: Manufacturing survey, Statistics Dept. Note: ISIC 37 includes 16, 21, 29, 30 and 31

Table 4.2: Manufacturing production by Island division for 2000-2004

T\$('000)

Island division	2000	2001	2002	2003	2004
1 Tongatapu	23,329	26,754	28,771	27,714	28,859
2 Vava'u	2,776	1,226	1,841	7,945	2,287
3&4 Ha'apai & 'Eua	302	268	425	660	703
Total	26,407	28,248	31,037	36,319	31,849

Source: Manufacturing survey, Statistics Dept.

Table 4.3: Manufacturing production by Institutional sector for 2000-2004

T\$('000)

Institutional sector	2000	2001	2002	2003	2004
1 Private	25,147	26,959	29,994	34,255	31,298
2&3 Government and quasi-government	1,260	1,289	1,043	2,064	551
Total	26,407	28,248	31,037	36,319	31,849

Source: Manufacturing survey, Statistics Dept.

Table 4.4: Percentage distribution of manufacturing production by ISIC division for 2000-2004

<i>Percentages</i>					
ISIC division	2000	2001	2002	2003	2004
15 Food products and beverages	55.1	57.2	55.6	61.3	58.1
17 Manufacture of textiles	1.1	1.3	1.0	2.6	1.0
18 Manufacture of wearing apparel	1.0	1.2	2.2	1.0	1.1
19 Manufacture of leather products	0.3	0.3	0.0	1.4	0
20 Wood and products of wood	0.6	0.4	0.1	0	0.2
22 Publishing and printing	4.9	4.6	4.0	3.1	4.4
24 Chemicals and chemical products	16.5	10.7	14.9	3.6	16.3
26 Non-metallic mineral products	9.8	11.5	11.2	11.3	6.5
28 Fabricated metal products	5.6	5.9	5.4	9.6	3.3
35 Other transport equipment	0.9	0.8	0.8	0	1.0
36 Manufacture of furniture	3.5	5.7	4.9	0.4	5.1
37 Other manufacturing industries	0.6	0.5	0.4	2.8	3.0
Total	100.0	100.0	100.0	100.0	100.0

Source: Manufacturing survey, Statistics Dept. Note: ISIC 37 includes 16,21, 29,30 and 31

Table 4.5: Percentage distribution of manufacturing production by Island division for 2000-2004

<i>Percentages</i>					
Island division	2000	2001	2002	2003	2004
1 Tongatapu	88.1	94.6	92.7	76.3	90.6
2 Vava'u	10.7	4.4	5.9	21.9	7.2
3&4 Ha'apai & 'Eua	1.2	1.0	4.4	1.8	2.2
Total	100.0	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 2000-2004

<i>Percentages</i>					
Institutional sector	2000	2001	2002	2003	2004
1 Private	95.1	95.3	96.6	94.3	98.3
2&3 Government and quasi-government	4.9	4.7	3.4	5.7	1.7
Total	100.0	100.0	100.0	100.0	100.0

Source: Manufacturing survey, Statistics Dept.

Table 4.7: Average production per establishment by ISIC division for 2000-2004

T\$('000)

ISIC division	2000	2001	2002	2003	2004
15 Food products and beverages	280	310	287	358	268
17 Manufacture of textiles	70	90	70	118	102
18 Manufacture of wearing apparel	20	30	60	37	32
19 Manufacture of leather products	40	40	0	0	0
20 Wood and products of wood	40	20	10	279	13
22 Publishing and printing	420	420	380	327	347
24 Chemicals and chemical products	850	740	1,150	1028	1,301
26 Non-metallic mineral products	320	460	490	391	412
28 Fabricated metal products	210	230	240	115	150
35 Other transport equipment	80	70	80	77	294
36 Manufacture of furniture	60	100	100	71	115
37 Other manufacturing industries	50	50	30	338	322
Total	220	240	252	279	250

Source: Manufacturing survey, Statistics Dept. Note: ISIC 37 includes 16, 21, 29, 30 and 31

Table 4.8: Average production per establishment by Island division for 2000-2004

T\$('000)

Island division	2000	2001	2002	2003	2004
1 Tongatapu	280	320	350	315	365
2 Vava'u	120	60	63	265	71
3&4 Ha'apai & 'Eua	30	20	39	55	43
Total	220	240	252	279	250

Source: Manufacturing survey, Statistics Dept.

Table 4.9: Average production per establishment by Institutional sector for 2000-2004

T\$('000)

Institutional sector	2000	2001	2002	2003	2004
1 Private	230	240	256	275	256
2&3 Government and quasi-government	180	220	174	412	110
Total	220	240	252	279	250

Source: Manufacturing survey, Statistics Dept.

Table 4.10: Average production per production worker by ISIC division for 2000-2004

T\$('000)

ISIC division	2000	2001	2002	2003	2004
15 Food products and beverages	32	30	28	36	25
17 Manufacture of textiles	21	19	8	17	43
18 Manufacture of wearing apparel	10	11	20	14	8
19 Manufacture of leather products	7	6	0	0	0
20 Wood and products of wood	2	1	1	13	1
22 Publishing and printing	12	12	11	13	26
24 Chemicals and chemical products	87	113	178	147	52
26 Non-metallic mineral products	48	42	57	44	85
28 Fabricated metal products	46	47	49	24	38
35 Other transport equipment	17	16	13	14	36
36 Manufacture of furniture	20	23	20	14	31
37 Other manufacturing industries	8	8	71	23	15
Total	29	27	30	32	27

Source: Manufacturing survey, Statistics Dept. Note: ISIC 37 includes 16, 21, 29, 30 and 31

Table 4.11: Average production per production worker by Island division for 2000-2004

T\$('000)

Island division	2000	2001	2002	2003	2004
1 Tongatapu	30	29	33	30	27
2 Vava'u	30	15	21	47	25
3&4 Ha'apai & 'Eua	8	7	10	17	25
Total	29	27	30	32	27

Source: Manufacturing survey, Statistics Dept.

Table 4.12: Average production per production worker by Institutional sector for 2000-2004

T\$('000)

Institutional sector	2000	2001	2002	2003	2004
1 Private	36	31	32	35	30
2&3 Government and quasi-government	6	8	7	13	4
Total	29	27	30	32	27

Source: Manufacturing survey, Statistics Dept.

Table 4.13: Manufacturing employment by ISIC division for 2000-2004

ISIC division	Number				
	2000	2001	2002	2003	2004
15 Food products and beverages	595	656	704	761	825
17 Manufacture of textiles	23	23	40	25	8
18 Manufacture of wearing apparel	49	49	55	60	52
19 Manufacture of leather products	14	14	14	14	0
20 Wood and products of wood	84	80	77	87	79
22 Publishing and printing	114	109	109	108	102
24 Chemicals and chemical products	58	31	29	31	30
26 Non-metallic mineral products	76	71	70	87	31
28 Fabricated metal products	36	37	37	36	41
35 Other transport equipment	19	15	19	12	10
36 Manufacture of furniture	87	83	90	102	70
37 Other manufacturing industries	20	20	14	52	85
Total	1,175	1,188	1,258	1,375	1,333

Source: Manufacturing survey, Statistics Dept. Note: ISIC 37 includes 16, 21, 29, 30 and 31

Table 4.14: Manufacturing employment by Island division for 2000-2004

Island division	Number				
	2000	2001	2002	2003	2004
1 Tongatapu	957	990	1,013	1,104	1,188
2 Vava'u	135	121	165	219	105
3&4 Ha'apai & 'Eua	83	77	80	52	40
Total	1,175	1,188	1,258	1,375	1,333

Source: Manufacturing survey, Statistics Dept.

Table 4.15: Manufacturing employment by Institutional sector for 2000-2004

Institutional sector	Number				
	2000	2001	2002	2003	2004
1 Private	967	1,029	1,103	1,215	1,181
2&3 Government and quasi-government	208	159	155	160	152
Total	1,175	1,188	1,258	1,375	1,333

Source: Manufacturing survey, Statistics Dept.

Table 4.16: Percentage distribution of manufacturing employment by ISIC division for 2000-2004

ISIC division	Percentages				
	2000	2001	2002	2003	2004
15 Food products and beverages	50.6	55.2	55.9	55.3	61.8
17 Manufacture of textiles	2.0	1.9	3.3	1.8	0.6
18 Manufacture of wearing apparel	4.2	4.1	4.5	4.3	3.8
19 Manufacture of leather products	1.2	1.2	1.1	1.0	0
20 Wood and products of wood	7.1	6.7	6.3	6.3	5.8
22 Publishing and printing	9.7	9.2	8.9	7.9	7.6
24 Chemicals and chemical products	4.9	2.6	2.4	2.3	2.3
26 Non-metallic mineral products	6.5	6.0	5.7	6.3	2.2
28 Fabricated metal products	3.1	3.1	3.0	2.6	3.0
35 Other transport equipment	1.6	1.3	1.6	1.0	0.9
36 Manufacture of furniture	7.4	7.0	7.4	7.4	5.3
37 Other manufacturing industries	1.7	1.7	1.1	3.7	6.4
Total	100.0	100.0	100.0	100.0	100.0

Source: Manufacturing survey, Statistics Dept. Note: ISIC 37 includes 16, 21, 29, 30 and 31

Table 4.17: Percentage distribution of manufacturing employment by Island division for 2000-2004

Island division	Percentages				
	2000	2001	2002	2003	2004
1 Tongatapu	81.4	83.3	80.5	80.3	89.1
2 Vava'u	11.5	10.2	13.1	15.9	7.8
3&4 Ha'apai & 'Eua	7.1	6.5	6.3	3.8	3.1
Total	100.0	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 2000-2004

Institutional sector	Percentages				
	2000	2001	2002	2003	2004
1 Private	82.3	86.6	87.8	88.4	88.6
2&3 Government and quasi-government	17.7	13.4	12.2	11.6	11.4
Total	100.0	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 2000-2004

ISIC division	Number				
	2000	2001	2002	2003	2004
15 Food products and beverages	441	519	580	612	728
17 Manufacture of textiles	13	19	35	20	7
18 Manufacture of wearing apparel	25	32	34	37	41
19 Manufacture of leather products	11	11	11	11	0
20 Wood and products of wood	84	83	60	87	79
22 Publishing and printing	105	106	106	103	54
24 Chemicals and chemical products	49	26	26	28	99
26 Non-metallic mineral products	53	70	61	80	24
28 Fabricated metal products	32	35	34	34	28
35 Other transport equipment	14	14	18	11	8
36 Manufacture of furniture	47	68	75	80	52
37 Other manufacturing industries	19	18	10	45	61
Total	893	1,001	1,050	1,148	1,181

Source: Manufacturing survey, Statistics Dept. Note: ISIC 37 includes 16, 21, 29, 30 and 31

Table 4.20: Number of manufacturing production workers by Island division for 2000-2004

Island division	Number				
	2000	2001	2002	2003	2004
1 Tongatapu	762	879	922	939	1,059
2 Vava'u	93	81	86	170	94
3&4 Ha'apai & 'Eua	38	41	42	39	28
Total	893	1,001	1,050	1,148	1,181

Table 4.21: Number of manufacturing production workers by Institutional sector for 2000-2004

Institutional sector	Number				
	2000	2001	2002	2003	2004
1 Private	691	839	895	988	1,029
2&3 Government and quasi-government	202	162	155	160	152
Total	893	1,001	1,050	1,148	1,181

Table 4.22: Manufacturing wages and salaries by ISIC division for 2000-2004

T\$('000)

ISIC division	2000	2001	2002	2003	2004
15 Food products and beverages	1,682	2,238	2,296	2,804	3,037
17 Manufacture of textiles	51	57	114	101	90
18 Manufacture of wearing apparel	115	109	142	178	204
19 Manufacture of leather products	42	44	44	44	0
20 Wood and products of wood	279	230	274	225	231
22 Publishing and printing	609	642	648	610	562
24 Chemicals and chemical products	163	128	132	154	205
26 Non-metallic mineral products	381	342	337	347	132
28 Fabricated metal products	134	172	144	140	371
35 Other transport equipment	65	52	54	73	49
36 Manufacture of furniture	414	490	390	555	445
37 Other manufacturing industries	96	100	67	123	280
Total	4,031	4,604	4,642	5,354	5,606

Source: Manufacturing survey, Statistics Dept. Note: ISIC 37 includes 16, 21, 29, 30 and 31

Table 4.23: Manufacturing wages and salaries by Island division for 2000-2004

T\$('000)

Island division	2000	2001	2002	2003	2004
1 Tongatapu	3,616	4,253	4,225	4,461	5,116
2 Vava'u	283	257	296	772	399
3&4 Ha'apai & 'Eua	133	95	121	121	91
Total	4,031	4,604	4,642	5,354	5,606

Source: Manufacturing survey, Statistics Dept.

Table 4.24: Manufacturing wages and salaries by Institutional sector for 2000-2004

T\$('000)

Institutional sector	2000	2001	2002	2003	2004
1 Private	3,196	3,886	3,879	4,689	4,957
2&3 Government and quasi-government	835	719	763	665	649
Total	4,031	4,604	4,642	5,354	5,606

Source: Manufacturing survey, Statistics Dept.

Table 4.25: Percentage distribution of manufacturing wages and salaries by ISIC division for 2000-2004

ISIC division	Percentages				
	2000	2001	2002	2003	2004
15 Food products and beverages	41.7	48.6	49.5	52.4	54.2
17 Manufacture of textiles	1.3	1.2	2.5	1.9	1.6
18 Manufacture of wearing apparel	2.9	2.4	3.1	3.3	3.6
19 Manufacture of leather products	1.0	1.0	0.9	0.8	0
20 Wood and products of wood	6.9	5.0	5.9	4.2	4.1
22 Publishing and printing	15.1	14.0	14.0	11.4	10.0
24 Chemicals and chemical products	4.0	2.8	2.8	2.9	3.7
26 Non-metallic mineral products	9.4	7.4	7.3	6.5	2.4
28 Fabricated metal products	3.3	3.7	3.1	2.6	6.6
35 Other transport equipment	1.6	1.1	1.2	1.4	1.0
36 Manufacture of furniture	10.3	10.6	8.4	10.4	7.9
37 Other manufacturing industries	2.4	2.2	1.4	2.2	4.9
Total	100.0	100.0	100.0	100.0	100.0

Source: Manufacturing survey, Statistics Dept. Note: ISIC 37 includes 16,21,29,30 and 31

Table 4.26: Percentage distribution of manufacturing wages and salaries by Island division for 2000-2004

Island division	Percentages				
	2000	2001	2002	2003	2004
1 Tongatapu	89.7	92.4	91.0	83.3	91.3
2 Vava'u	7.0	5.6	6.4	14.4	7.1
3&4 Ha'apai & 'Eua	3.3	2.1	2.6	2.3	1.6
Total	100.0	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 2000-2004

Institutional sector	Percentages				
	2000	2001	2002	2003	2004
1 Private	79.3	84.4	83.6	87.6	88.4
2&3 Government and quasi-government	20.7	15.6	16.4	12.4	11.6
Total	100.0	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 2000-2004

T\$('000)

ISIC division	2000	2001	2002	2003	2004
15 Food products and beverages	1,252	1,739	1,985	2,309	2,440
17 Manufacture of textiles	34	57	114	79	90
18 Manufacture of wearing apparel	65	79	88	113	154
19 Manufacture of leather products	16	17	17	17	.0
20 Wood and products of wood	279	230	274	225	231
22 Publishing and printing	541	588	593	548	187
24 Chemicals and chemical products	98	68	75	80	414
26 Non-metallic mineral products	285	339	277	308	96
28 Fabricated metal products	125	155	134	130	288
35 Other transport equipment	53	49	51	58	42
36 Manufacture of furniture	242	347	288	425	306
37 Other manufacturing industries	69	74	27	70	327
Total	3,059	3,742	3,924	4,362	4,575

Source: Manufacturing survey, Statistics Dept. Note: ISIC 37 includes 16, 21, 29, 30 and 31

Table 4.29: Wages and salaries of production workers by Island division for 2000-2004

T\$('000)

Island division	2000	2001	2002	2003	2004
1 Tongatapu	2,702	3,478	3,620	3,558	4,113
2 Vava'u	232	175	188	683	380
3&4 Ha'apai & 'Eua	124	89	116	121	82
Total	3,059	3,742	3,924	4,362	4,575

Source: Manufacturing survey, Statistics Dept.

Table 4.30: Wages and salaries of production workers by Institutional sector for 2000-2004

T\$('000)

Institutional sector	2000	2001	2002	2003	2004
1 Private	2,270	3,023	3,161	3,697	3,925
2&3 Government and quasi-government	789	719	763	665	650
Total	3,059	3,742	3,924	4,362	4,575

Source: Manufacturing survey, Statistics Dept.

Table 4.31: Average weekly wage rate for production worker by ISIC division 2000-2004

T\$

ISIC division	2000	2001	2002	2003	2004
15 Food products and beverages	55	64	62	72	64
17 Manufacture of textiles	51	58	63	76	246
18 Manufacture of wearing apparel	50	48	50	59	72
19 Manufacture of leather products	27	29	30	30	0
20 Wood and products of wood	64	53	88	103	56
22 Publishing and printing	99	107	108	102	67
24 Chemicals and chemical products	38	50	55	55	81
26 Non-metallic mineral products	103	93	87	74	77
28 Fabricated metal products	75	85	76	73	197
35 Other transport equipment	73	67	54	101	90
36 Manufacture of furniture	99	98	74	102	36
37 Other manufacturing industries	70	79	51	30	89
Total	66	72	71	73	74

Source: Manufacturing survey, Statistics Dept. Note: ISIC 37 includes 16, 21, 29, 30 and 31.

Table 4.32: Average weekly wage rate for production worker by Island division 2000-2004

T\$

Island division	2000	2001	2002	2003	2004
1 Tongatapu	68	76	75	75	74
2 Vava'u	48	41	60	60	79
3&4 Ha'apai & 'Eua	63	42	53	53	56
Total	66	72	71	73	74

Source: Manufacturing survey, Statistics Dept.

Table 4.33: Average weekly wage rate for production worker by Institutional sector 2000-2004

T\$

Institutional sector	2000	2001	2002	2003	2004
1 Private	63	69	67	68	73
2&3 Government and quasi-government	75	85	95	95	82
Total	66	72	71	73	74

Source: Manufacturing survey, Statistics Dept.

Table 4.34: Number of manufacturing establishments by ISIC division for 2000-2004

ISIC division	Number				
	2000	2001	2002	2003	2004
15 Food products and beverages	50	51	60	62	69
17 Manufacture of textiles	4	4	4	3	3
18 Manufacture of wearing apparel	10	11	12	14	11
19 Manufacture of leather products	2	2	2	2	0
20 Wood and products of wood	4	4	4	4	6
22 Publishing and printing	3	3	3	4	4
24 Chemicals and chemical products	5	4	4	4	4
26 Non-metallic mineral products	8	7	7	9	5
28 Fabricated metal products	7	7	7	7	7
35 Other transport equipment	3	3	3	2	1
36 Manufacture of furniture	16	16	15	16	14
37 Other manufacturing industries	3	3	2	3	3
Total	115	115	123	130	127

Source: Manufacturing survey, Statistics Dept. Note: ISIC 37 includes 16, 21, 29, 30 and 31

Table 4.35: Number of manufacturing establishments by Island division for 2000-2004

Island division	Number				
	2000	2001	2002	2003	2004
1 Tongatapu	82	82	82	88	79
2 Vava'u	23	22	30	30	32
3&4 Ha'apai & 'Eua	10	11	11	12	16
Total	115	115	123	130	127

Source: Manufacturing survey, Statistics Dept.

Table 4.36: Number of manufacturing establishments by Institutional sector for 2000-2004

Institutional sector	Number				
	2000	2001	2002	2003	2004
1 Private	108	109	117	125	122
2&3 Government and quasi-government	7	6	6	5	5
Total	115	115	123	130	127

Source: Manufacturing survey, Statistics Dept.

Statistics Department

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QUARTERLY SURVEY OF MANUFACTURING PRODUCTION, EMPLOYMENT AND WAGES/SALARIES

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

QUARTER: _____

1. Name and Address:

of Establishment

Establishment No.

Type of Organisation

ISIC Code

Island division

2. PRODUCTION

2.1 Main Products

a.

b.

c.

d.

2.2 Other than main products

2.3 Receipts for work done for others

TOTAL

Product Code (Office Use)	QUARTER: January-March						
	Unit Of Measurement	Month:		Month:		Month:	
		Quantity	(T\$) Value	Quantity	(T\$) Value	Quantity	(T\$) Value

Comments: _____

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: ____/____/____

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**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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