

*SECTION 10:*  
*BUSINESS ESTABLISHMENT SURVEY*



SECTION 10: BUSINESS ESTABLISHMENT SURVEY, 1995/96

TABLE 107: KEY ECONOMIC RATIOS

Industry	Average no. of persons employed per establishment	Average wages and salaries per person employed \$	Average value of output per person employed \$	Contribution to GDP at factor cost per person employed \$	Intermediate consumption as a % of output %	Wages and salaries as a % of value added at factor cost %	Value of fixed assets per person employed \$
Mining & Quarrying	8	3,160	29,494	16,795	43	18	21,000
Manufacturing	13	3,116	20,412	6,766	67	42	8,423
Electricity & Water	51	4,765	26,090	11,637	55	41	36,387
Construction	20	2,539	29,633	5,597	81	45	3,595
Wholesale, Retail Trade	30	2,231	7,449	4,301	42	36	4,082
Hotels and Restaurants	10	2,536	13,391	4,858	64	46	17,029
Transport and Communications	20	6,573	31,569	11,677	63	41	12,068
Financial Intermediation	28	7,805	26,434	19,322	27	40	103,476
Real Estate, renting and business services	4	6,899	36,807	15,691	57	34	39,575
Education (excluding government schools)	22	3,649	6,726	5,028	25	72	23,167
Health and social work (includes private health clinics)	3	2,150	7,405	4,405	41	26	7,541
Other community, social and personal services	18	1,797	7,954	3,011	62	58	50,667
<b>All industries</b>	<b>18</b>	<b>3,935</b>	<b>15,124</b>	<b>6,584</b>	<b>56</b>	<b>43</b>	<b>19,998</b>

SOURCE: Business Establishment Survey 1995/96, Statistics Department

**SECTION 10: BUSINESS ESTABLISHMENT SURVEY, 1995/96**

**TABLE 108 : PRODUCTION ACCOUNTS BY INDUSTRY**

Industry	Compensation of employees	Net operating surplus	Consumption of fixed capital	Indirect taxes	Value added	Intermediate consumption	Gross output
Mining & Quarrying	256	818	319	1	1,394	1,054	2,448
Manufacturing	3,434	3,761	885	33	8,113	16,361	24,474
Electricity and water	2,168	1,714	1,434	2	5,318	6,605	11,923
Construction	1,663	1,832	209	29	3,733	16,032	19,765
Wholesale, Retail Trade	7,285	10,342	2,143	292	20,062	14,687	34,749
Hotels and Restaurants	2,234	1,494	958	123	4,809	8,448	13,257
Transport and Communications	7,132	7,068	3,149	61	17,410	29,660	47,070
Financial Intermediation	4,394	4,845	1,664	14	10,917	4,018	14,935
Real Estate, renting and business service	1,504	2,288	661	19	4,472	6,018	10,490
Education (excluding government schools)	4,218	-2	1,620	2	5,838	1,971	7,809
Health and social work (includes private health clinics)	43	92	26	2	163	111	274
Other community, social and personal service	2,874	26	2,032	6	4,938	8,106	13,044
<b>All industries</b>	<b>37,205</b>	<b>34,278</b>	<b>15,100</b>	<b>584</b>	<b>87,167</b>	<b>113,071</b>	<b>200,238</b>

(T\$'000)

**TABLE 109 : PRODUCTION ACCOUNTS BY ISLAND DIVISION**

Island Division	Compensation of employees	Net operating surplus	Consumption of fixed capital	Indirect taxes	Value added	Intermediate consumption	Gross output
Tongatapu	32,722	31,204	12,515	532	76,973	102,987	179,960
Vava'u	3,115	2,698	1,608	35	7,456	7,221	14,677
Ha'apai	868	397	615	12	1,892	1,752	3,644
'Eua	500	-21	362	5	846	1,111	1,957
<b>Tonga</b>	<b>37,205</b>	<b>34,278</b>	<b>15,100</b>	<b>584</b>	<b>87,167</b>	<b>113,071</b>	<b>200,238</b>

(\$T'000)

SOURCE: Business Establishment Survey 1995/96, Statistics Department

**SECTION 10: BUSINESS ESTABLISHMENT SURVEY, 1995/96**

**TABLE 110 : TOTAL EMPLOYMENT BY EMPLOYMENT STATUS**

Industry	Working proprietors	Managers and directors	Full-time workers	Part-time workers	Unpaid workers	Expatriate workers	Total employment
Mining & Quarrying	2	0	28	53	0	0	83
Manufacturing	97	54	799	213	35	1	1,199
Electricity and water	2	8	426	21	0	0	457
Construction	12	27	223	357	24	24	667
Wholesale, Retail Trade	1,400	114	1,369	867	897	18	4,665
Hotels and Restaurants	109	9	583	226	46	17	990
Transport and Communications	406	49	787	229	17	3	1,491
Financial Intermediation	2	71	438	45	0	9	565
Real Estate, renting and business services	67	23	128	44	17	6	285
Education (excluding government schools)	5	0	964	80	41	71	1,161
Health and social work (includes private health clinics)	17	0	9	8	3	0	37
Other community, social and personal services	41	0	711	594	263	31	1,640
<b>All industries</b>	<b>2,160</b>	<b>355</b>	<b>6,465</b>	<b>2,737</b>	<b>1,343</b>	<b>180</b>	<b>13,240</b>

\* Working proprietors wages were not included in the questionnaire

SOURCE: Business Establishment Survey 1995/96, Statistics Department

SECTION 10: BUSINESS ESTABLISHMENT SURVEY, 1995/96

TABLE 111 : TOTAL EMPLOYMENT BY GENDER AND BY INDUSTRY

Industry	Working proprietors		Managers, executive and directors		Full-time workers		Part-time workers		Unpaid workers		Expatriate workers		Total employment		Total employed persons
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	
Mining & Quarrying	1	1	0	0	28	0	53	0	0	0	0	0	82	1	83
Manufacturing	63	34	46	13	623	171	145	68	20	15	0	1	897	302	1,199
Elec & water	1	1	7	1	347	79	21	0	0	0	0	0	376	81	457
Construction	9	3	27	0	212	11	355	2	23	1	20	4	646	21	667
Wholesale, Retail Trade	716	684	64	50	684	685	513	354	166	731	17	1	2,160	2,505	4,665
Hotels and Restaurants	66	46	4	2	209	374	106	120	23	23	11	6	419	571	990
Transport and Communications	392	14	42	7	558	229	188	41	9	8	3	0	1,192	299	1,491
Financial Intermediation	2	0	42	29	201	237	28	17	0	0	8	1	281	284	565
Real Estate, renting and business services	54	13	17	6	54	74	24	20	9	0	6	0	164	121	285
Education (excluding government schools)	0	5	0	0	498	466	53	27	15	26	37	34	603	558	1,161
Health and social work (includes private health clinics)	9	8	0	0	4	5	1	7	0	3	0	0	14	23	37
Other community, social and personal services	27	14	0	0	578	133	533	61	208	55	20	11	1,366	274	1,640
<b>All industries</b>	<b>1,340</b>	<b>823</b>	<b>249</b>	<b>108</b>	<b>3,996</b>	<b>2,464</b>	<b>2,020</b>	<b>717</b>	<b>473</b>	<b>870</b>	<b>122</b>	<b>58</b>	<b>8,200</b>	<b>5,040</b>	<b>13,240</b>

TABLE 112: WAGES AND SALARIES CLASSIFIED BY EMPLOYMENT STATUS

Industry	\$'000				Total wages and salaries
	Managers, Executive and Directors	Full-time workers	Part-time workers	Expatriate	
Mining & Quarrying	0	144	112	0	256
Manufacturing	708	2,405	289	32	3,434
Elec & water	118	2,008	42	0	2,168
Construction	0	1,040	285	338	1,663
Wholesale, Retail Trade	1,256	4,763	921	345	7,285
Hotels and Restaurants	0	1,574	451	209	2,234
Transport and Communications	1,004	5,659	392	77	7,132
Financial Intermediation	1,312	2,809	91	182	4,394
Real Estate, renting and business services	620	694	83	107	1,504
Education (excluding government schools)	0	3,810	156	252	4,218
Health and social work (includes private health clinics)	0	24	19	0	43
Other community, social and personal services	0	2,234	551	89	2,874
<b>All industries</b>	<b>5,018</b>	<b>27,164</b>	<b>3,392</b>	<b>1,631</b>	<b>37,205</b>

SOURCE: Business Establishment Survey 1995/96, Statistics Department

## SECTION 10: BUSINESS ESTABLISHMENT SURVEY, 1995/96

**TABLE 113: COMPONENTS OF INCOME (\$'000)**

Industry	Sales of goods purchased for resale	Sale of goods produced	Income from sale of services	Value of own construction work	Other Income	Total Income
Mining & Quarrying	0	948	423	0	327	1,698
Manufacturing	0	22,035	375	112	1,851	24,373
Electricity and water	37	11,349	305	208	18	11,917
Construction	0	0	18,185	607	707	19,499
Wholesale, Retail Trade	154,703	0	2,235	292	1,617	158,847
Hotels and Restaurants	138	0	12,755	51	258	13,202
Transport and Communications	0	16,238	29,122	763	946	47,069
Financial Intermediation	0	0	21,848	0	585	22,433
Real Estate, renting and business services	0	12	10,100	1	376	10,489
Education (excluding government schools)	456	0	2,049	0	5,132	7,637
Health and social work (includes private health clinics or	163	3	162	47	0	375
Other community, social and personal services	671	0	1,878	0	17,478	20,027
<b>All industries</b>	<b>156,168</b>	<b>50,585</b>	<b>99,437</b>	<b>2,081</b>	<b>29,295</b>	<b>337,566</b>

SOURCE: Business Establishment Survey 1995/96, Statistics Department

**TABLE 114 : COMPONENTS OF EXPENDITURE**

Industry	Purchase of goods for resale	Purchase of materials and supplies	Other Expenses	Total Expenses
Mining & Quarrying	0	262	792	1,054
Manufacturing	0	13,085	3,545	16,630
Electricity and water	33	5,021	1,653	6,707
Construction	0	14,274	1,796	16,070
Wholesale, Retail Trade	124,299	3,732	10,936	138,967
Hotels and Restaurants	617	5,097	3,297	9,011
Transport and Communications	0	2,167	25,602	27,769
Financial Intermediation	0	41	10,595	10,636
Real Estate, renting and business services	0	368	5,604	5,972
Education (excluding government schools)	394	412	2,198	3,004
Health and social work (includes private health clinics or	113	29	81	223
Other community, social and personal services	557	1,061	8,872	10,490
<b>All industries</b>	<b>126,013</b>	<b>45,549</b>	<b>74,971</b>	<b>246,533</b>

SOURCE: Business Establishment Survey 1995/96, Statistics Department

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**TABLE 115 : COMPONENTS OF STOCKS AT 30TH JUNE 1996 BY INDUSTRY (\$'000)**

Industry	Goods for resale	Materials and supplies	Work-in-progress and finished goods	Total closing stock (30 June 1996)	Total opening stock (1 July 1995)	Stock change during 1995/96
Mining & Quarrying	0	0	5	3,700	3,483	217
Manufacturing	0	2,233	1,467	982	876	106
Electricity and water	0	840	142	1,348	1,053	295
Construction	0	970	378	23,470	23,288	182
Wholesale, Retail Trade	23,428	42	0	584	642	-58
Hotels and Restaurants	231	353	0	1,616	3,506	-1,890
Transport and Communications	0	1,616	0	22	22	1
Financial Intermediation	0	23	0	221	267	-46
Real Estate, renting and business services	0	221	0	685	328	357
Education (excluding government schools)	1	684	0	82	72	10
Health and social work (includes private health clinics)	82	0	0	714	342	372
Other community, social and personal services	632	82	0			
<b>All industries</b>	<b>24,374</b>	<b>7,064</b>	<b>1,992</b>	<b>33,425</b>	<b>33,884</b>	<b>-459</b>

**TABLE 116 : NET EXPENDITURE ON FIXED ASSETS AND BOOK VALUE OF CAPITAL STOCK (\$'000)**

Industry	Residential buildings	Non-residential buildings	Other construction works	Transport equipment	Plant, machinery and other equipment	Total Expenditure on fixed assets	Book value of fixed assets
Mining & Quarrying	0	0	0	0	23	23	1,743
Manufacturing	33	130	3	74	393	47	10,099
Electricity and water	0	733	4	76	586	1,399	16,629
Construction	122	11	0	13	13	159	2,398
Wholesale, Retail Trade	-75	1,603	3	260	1,521	3,312	19,044
Hotels and Restaurants	40	265	4	156	217	682	16,859
Transport and Communications	78	307	760	289	1,748	3,182	17,994
Financial Intermediation	165	404	0	112	425	1,106	58,464
Real Estate, renting and business services	305	1,162	0	68	37	1,572	11,279
Education (excluding government schools)	431	695	139	164	68	1,497	26,897
Health and social work (includes private health clinics)	7	0	0	24	21	52	279
Other community, social and personal services	1,162	4,102	271	359	245	6,139	83,094
<b>All industries</b>	<b>2,268</b>	<b>9,412</b>	<b>1,184</b>	<b>1,595</b>	<b>5,297</b>	<b>19,756</b>	<b>264,779</b>

SOURCE: Business Establishment Survey 1995/96, Statistics Department

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**TABLE 117: NUMBER OF ESTABLISHMENTS CLASSIFIED BY EMPLOYMENT SIZE**

Industry	up to 3 persons	4 or 5 persons	6 to 9 persons	10 to 19 persons	20 to 49 persons	50 persons or more	Total No. of establishment
Mining & Quarrying	1	0	8	0	1	0	10
Manufacturing	13	14	37	18	7	4	93
Elec & water	0	0	2	2	2	3	9
Construction	4	3	8	9	9	1	34
Wholesale, Retail Trade	50	23	32	28	13	12	158
Hotels and Restaurants	32	13	24	15	11	1	96
Transport and Communications	36	3	11	7	12	6	75
Financial Intermediation	3	1	9	0	4	3	20
Real Estate, renting and business services	35	10	18	1	1	0	65
Education (excluding government schools)	7	6	15	10	8	6	52
Health and social work (includes private health clinics)	11	2	1	0	0	0	14
Other community, social and personal services	48	8	9	12	10	5	92
<b>All industries</b>	<b>240</b>	<b>83</b>	<b>174</b>	<b>102</b>	<b>78</b>	<b>41</b>	<b>718</b>

**TABLE 118: NUMBER OF PERSONS EMPLOYMENT CLASSIFIED BY EMPLOYMENT SIZE**

Industry	up to 3 persons	4 or 5 persons	6 to 9 persons	10 to 19 persons	20 to 49 persons	50 persons or more	Total persons employed
Mining & Quarrying	2	0	61	0	20	0	83
Manufacturing	31	50	279	251	247	341	1,199
Elec & water	0	0	16	22	43	376	457
Construction	6	13	61	122	263	202	667
Wholesale, Retail Trade	2,544	85	215	351	461	1,009	4,665
Hotels and Restaurants	69	59	174	188	312	188	990
Transport and Communications	75	13	80	113	331	879	1,491
Financial Intermediation	7	5	63	0	119	371	565
Real Estate, renting and business services	70	46	131	14	24	0	285
Education (excluding government schools)	18	29	82	175	232	625	1,161
Health and social work (includes private health clinics)	23	8	6	0	0	0	37
Other community, social and personal services	79	37	76	170	343	935	1,640
<b>All industries</b>	<b>2,924</b>	<b>345</b>	<b>1,244</b>	<b>1,406</b>	<b>2,395</b>	<b>4,926</b>	<b>13,240</b>

SOURCE: Business Establishment Survey 1995/96, Statistics Department



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**TABLE 119: COMPONENTS OF INCOME (\$'000)**

Industry	Sales of goods purchased for resale	Sale of goods produced	Income from sale of services	Value of own construction work	Other Income	Total Income
Mining & Quarrying	0	948	423	0	327	1,698
Manufacturing	0	22,035	375	112	1,851	24,373
Electricity and water	37	11,349	305	208	18	11,917
Construction	0	0	18,185	607	707	19,499
Wholesale, Retail Trade	154,703	0	2,235	292	1,617	158,847
Hotels and Restaurants	138	0	12,755	51	258	13,202
Transport and Communications	0	16,238	29,122	763	946	47,069
Financial Intermediation	0	0	21,848	0	585	22,433
Real Estate, renting and business services	0	12	10,100	1	376	10,489
Education (excluding government schools)	456	0	2,049	0	5,132	7,637
Health and social work (includes private health clinics)	163	3	162	47	0	375
Other community, social and personal services	671	0	1,878	0	17,478	20,027
<b>All industries</b>	<b>156,168</b>	<b>50,585</b>	<b>99,437</b>	<b>2,081</b>	<b>29,295</b>	<b>337,566</b>

**TABLE 120 : COMPONENTS OF EXPENDITURE**

Industry	Purchase of goods for resale	Purchase of materials and supplies	Other Expenses	Total Expenses
Mining & Quarrying	0	262	792	1,054
Manufacturing	0	13,085	3,545	16,630
Electricity and water	33	5,021	1,653	6,707
Construction	0	14,274	1,796	16,070
Wholesale, Retail Trade	124,299	3,732	10,936	138,967
Hotels and Restaurants	617	5,097	3,297	9,011
Transport and Communications	0	2,167	25,602	27,769
Financial Intermediation	0	41	10,595	10,636
Real Estate, renting and business services	0	368	5,604	5,972
Education (excluding government schools)	394	412	2,198	3,004
Health and social work (includes private health clinics)	113	29	81	223
Other community, social and personal services	557	1,061	8,872	10,490
<b>All industries</b>	<b>126,013</b>	<b>45,549</b>	<b>74,971</b>	<b>246,533</b>

SOURCE: Business Establishment Survey 1995/96, Statistics Department