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### **Tonga: Statistical Annex**

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# INTERNATIONAL MONETARY FUND

## TONGA

### Statistical Annex

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Approved by Asia and Pacific Department

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#### Contents

Page

#### Tables

1.	Real Sector Developments, 1992/93-1997/98 .....	3
2.	Gross Domestic Product by Sector of Origin (1984/85 prices), 1992/93-1997/98 ...	4
3.	Gross Domestic Product by Sector of Origin (Current Prices), 1992/93-1997/98 ...	5
4.	Production of Manufactured Goods, 1990-96 .....	6
5.	Tourism Statistics, 1991/92-1997/98 .....	7
6.	Consumer Price Index, 1991/92-1997/98 .....	8
7.	Population and Labor Market, 1991/92-1996/97 .....	9
8.	Government Positions and Salary Scales .....	10
9.	Central Government Operations, 1994/95-1998/99 .....	11
10.	Central Government Revenues, 1994/95-1998/99 .....	12
11.	Central Government Current Expenditures, 1994/95-1998/99 .....	13
12.	Development Expenditures plus Net Lending by Source of Funding, 1994-95-1998/99 .....	14
13.	Tonga Trust Fund 1992/93-1997/98 .....	15
14.	Public Enterprises .....	16
15.	National Debt Outstanding, 1992/93-1996/97 .....	17
16.	Monetary Survey, 1992/93-1997/98 .....	18
17.	Banking Survey, 1992/93-1997/98 .....	19
18.	Accounts of the National Reserve Bank of Tonga, 1992/93-1997/98 .....	20
19.	Consolidated Accounts of Deposit Money Banks, 1992/93-1997/98 .....	21
20.	Bank Credit by Sector, 1992/93-1997/98 .....	22
21.	Accounts of the Tonga Development Bank, 1992/93-1997/98 .....	23
22.	Interest Rate Structure, 1992/93-1997/98 .....	24
23.	Balance of Payments Summary, 1992/93-1997/98 .....	25
24.	Exports by Major Commodity, 1992/93-1996/97 .....	26

25.	Imports by Commodity, Category and Sector, 1992/93-1996/97 .....	27
26.	Direction of Trade, 1992/93-1996/97 .....	28
27.	Services and Transfers, 1992/93-1997/98 .....	29
28.	Disbursements of Official External Loans and Grants, 1993/94-1997/98 .....	30
29.	External Debt and Debt Service, 1993/94-1997/98 .....	31

Table 1. Tonga: Real Sector Developments, 1992/93-1997/98

Years 1/	1992/93	1993/94	1994/95	1995/96	1996/97	Est. 1997/98
<b>Nominal GDP</b>						
In pa'anga mn.	198.6	207.6	214.5	227.9	224.2	233.2
In US\$ mn.	145.0	151.8	167.1	175.9	182.9	172.8
Per capita (US\$)	1,467	1,527	1,670	1,747	1,870	1,693
(Percent change)						
GDP (1984/85 prices)	3.7	5.0	4.8	-1.4	-4.4	-1.5
Agriculture, forestry, and fisheries	2.7	-0.3	6.4	-5.4	-3.0	-3.8
Manufacturing	5.7	-14.9	-11.5	11.9	0.6	-3.0
Construction	7.0	28.8	28.5	-0.3	-45.6	8.9
Commerce, restaurants, and hotels	4.8	7.1	-1.6	-4.0	-9.5	1.6
Transportation and communications	2.0	7.0	7.6	6.1	-1.2	8.1
Finance and real estate	11.4	4.7	5.4	-5.7	2.8	2.5
(In percent of total)						
<b>GDP by sector</b>						
Agriculture, forestry, and fisheries	32.9	28.7	27.8	28.9	30.4	32.1
Manufacturing	4.4	3.9	3.3	3.4	3.5	3.3
Construction	4.6	5.4	6.9	6.9	4.0	4.5
Commerce, restaurants, and hotels	12.5	13.2	12.6	11.7	10.9	11.0
Transportation and communications	6.6	6.8	7.1	7.1	7.0	7.3
Finance and real estate	6.0	6.8	6.9	6.3	6.7	6.8
<b>GDP by expenditure</b>						
Government final consumption expenditure	17.7	17.8	18.5	...	...	...
Private final consumption expenditure	91.9	92.7	96.6	...	...	...
Gross fixed capital formation	15.8	14.9	13.9	...	...	...
Change in stocks	2.3	2.6	-0.2	...	...	...
Exports of goods and services	19.9	21.6	20.8	...	...	...
Less: Imports of goods and services	47.5	49.5	49.6	...	...	...
<b>Consumer prices (percent change)</b>						
Period average	3.1	2.4	0.3	2.8	1.8	...
End of period	-2.7	4.9	1.3	3.7	1.9	...

Source: Tonga Statistics Department.

1/ Fiscal year is July 1-June 30.

Table 2. Tonga: Gross Domestic Product by Sector of Origin 1992/93-1997/98  
(1984/85 Prices)

Years ending June	1992/93	1993/94	1994/95	1995/96	1996/97	1997/98
	(In millions of pa'anga)					
<b>Primary sector</b>						
Agriculture, forestry, and fisheries	30.5	30.4	32.4	30.6	29.7	28.6
<b>Secondary sector</b>	10.3	11.6	13.3	13.7	9.8	10.0
Mining and quarrying	0.3	0.3	0.6	0.6	0.2	0.2
Manufacturing	4.1	3.5	3.1	3.4	3.5	3.4
Electricity and water	1.2	1.8	1.9	2.0	1.9	1.8
Construction	4.7	6.0	7.7	7.7	4.2	4.6
<b>Tertiary sector</b>	41.4	43.3	44.0	44.1	43.0	43.7
Commerce, restaurants, and hotels	11.7	12.5	12.3	11.8	10.7	10.8
Transportation and communications	6.1	6.5	7.0	7.5	7.4	8.0
Finance and real estate	5.6	5.8	6.1	5.8	6.0	6.1
Community and personal services	18.4	18.9	19.4	19.9	20.5	20.6
Ownership of dwellings	3.2	3.2	3.2	3.2	3.2	3.1
Less: Imputed bank service charge	3.5	3.7	4.0	4.1	4.7	4.9
<b>Total GDP at factor costs</b>	<b>82.2</b>	<b>85.3</b>	<b>89.7</b>	<b>88.4</b>	<b>82.6</b>	<b>82.3</b>
<b>Net indirect taxes</b>	<b>14.4</b>	<b>16.1</b>	<b>16.5</b>	<b>16.3</b>	<b>17.5</b>	<b>16.3</b>
<b>Total GDP at constant market prices</b>	<b>96.6</b>	<b>101.4</b>	<b>106.2</b>	<b>104.7</b>	<b>100.1</b>	<b>98.6</b>
	(Percent change)					
<b>Primary sector</b>						
Agriculture, forestry, and fisheries	2.7	-0.3	6.4	-5.4	-3.0	-3.8
<b>Secondary sector</b>	5.8	12.6	15.0	2.9	-28.1	1.8
Mining and quarrying	4.0	12.5	99.3	-2.4	-57.3	2.1
Manufacturing	5.7	-14.9	-11.5	11.9	0.6	-3.0
Electricity and water	2.0	42.0	7.6	3.4	-1.8	-4.9
Construction	7.0	28.8	28.5	-0.3	-45.6	8.9
<b>Tertiary sector</b>	2.1	4.5	1.7	0.1	-2.4	1.6
Commerce, restaurants, and hotels	4.8	7.1	-1.6	-4.0	-9.5	1.6
Transportation and communications	2.0	7.0	7.6	6.1	-1.2	8.1
Finance and real estate	11.4	4.7	5.4	-5.7	2.8	2.5
Community and personal services	0.3	2.8	2.6	2.5	3.0	0.4
Ownership of dwellings	0.6	0.3	0.3	0.3	0.4	-2.8
Less: Imputed bank service charge	13.7	4.7	10.7	0.9	15.2	4.3
<b>Total GDP at factor costs</b>	<b>2.8</b>	<b>3.8</b>	<b>5.2</b>	<b>-1.5</b>	<b>-6.6</b>	<b>-0.3</b>
<b>Net indirect taxes</b>	<b>9.6</b>	<b>11.8</b>	<b>2.7</b>	<b>-1.2</b>	<b>7.4</b>	<b>-7.2</b>
<b>Total GDP at constant market prices</b>	<b>3.7</b>	<b>5.0</b>	<b>4.8</b>	<b>-1.4</b>	<b>-4.4</b>	<b>-1.5</b>
<b>Memorandum items:</b>						
GDP deflator	3.6	-0.4	-1.4	7.8	2.9	5.6
GDP at current market prices	7.4	4.5	3.3	6.2	-1.6	4.0

Source: Tonga Statistics Department.

Table 3. Tonga: Gross Domestic Product by Sector of Origin, 1992/93-1997/98  
(Current Prices)

Years ending June	1992/93	1993/94	1994/95	1995/96	1996/97	1997/98
(In millions of pa'anga)						
<b>Primary sector</b>						
Agriculture, forestry, and fisheries	65.4	59.7	59.6	65.9	68.2	74.9
<b>Secondary sector</b>						
Mining and quarrying	0.5	0.6	1.2	1.2	0.6	0.7
Manufacturing	8.7	8.0	7.1	7.9	7.8	7.6
Electricity and water	2.8	3.1	3.4	4.0	3.7	3.7
Construction	9.2	11.2	14.9	15.8	9.1	10.5
<b>Tertiary sector</b>						
Commerce, restaurants, and hotels	24.9	27.3	27.0	26.6	24.5	25.6
Transportation and communications	13.1	14.0	15.1	16.1	15.8	17.1
Finance and real estate	12.0	14.1	14.9	14.4	15.1	15.9
Community and personal services	32.1	34.7	36.4	40.6	42.1	42.3
Government	22.8	25.0	26.4	30.2	31.2	30.9
Private	9.3	9.7	10.0	10.5	11.0	11.4
Ownership of dwellings	8.2	8.3	8.0	8.2	8.3	8.4
Less: Imputed bank service charge	7.5	8.0	8.8	8.9	10.5	11.2
<b>Total GDP at factor costs</b>	<b>169.3</b>	<b>173.1</b>	<b>178.9</b>	<b>191.7</b>	<b>184.7</b>	<b>195.5</b>
Net indirect taxes	29.4	34.5	35.6	36.1	39.5	37.7
<b>Total GDP at current market prices</b>	<b>198.6</b>	<b>207.6</b>	<b>214.5</b>	<b>227.9</b>	<b>224.2</b>	<b>233.2</b>
(In percent of total)						
<b>Primary sector</b>						
Agriculture, forestry, and fisheries	32.9	28.7	27.8	28.9	30.4	32.1
<b>Secondary sector</b>						
Mining and quarrying	0.3	0.3	0.6	0.5	0.3	0.3
Manufacturing	4.4	3.9	3.3	3.4	3.5	3.3
Electricity and water	1.4	1.5	1.6	1.8	1.7	1.6
Construction	4.6	5.4	6.9	6.9	4.0	4.5
<b>Tertiary sector</b>						
Commerce, restaurants, and hotels	12.5	13.2	12.6	11.7	10.9	11.0
Transportation and communications	6.6	6.8	7.1	7.1	7.0	7.3
Finance and real estate	6.0	6.8	6.9	6.3	6.7	6.8
Community and personal services	16.2	16.7	17.0	17.8	18.8	18.1
Government	11.5	12.0	12.3	13.2	13.9	13.3
Private	4.7	4.7	4.7	4.6	4.9	4.9
Ownership of dwellings	4.1	4.0	3.7	3.6	3.7	3.6
Less: Imputed bank service charge	3.8	3.8	4.1	3.9	4.7	4.8
<b>Total GDP at factor costs</b>	<b>85.2</b>	<b>83.4</b>	<b>83.4</b>	<b>84.2</b>	<b>82.4</b>	<b>83.8</b>
Net indirect taxes	14.8	16.6	16.6	15.8	17.6	16.2
<b>Total GDP at current market prices</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

Source: Tonga Statistics Department.

Table 4. Tonga: Production of Manufactured Goods, 1990-96

	1990	1991	1992	1993	1994	1995	1996
	(In millions of pa'anga)						
Food, beverages, and tobacco	6,279	7,281	7,499	7,673	7,766	7,647	8,203
Textile and wearing apparel	3,351	3,485	3,124	2,231	806	865	742
Wood products	715	268	1,018	1,562	1,330	1,570	302
Paper products	1,586	1,410	1,395	1,294	859	1,155	1,055
Chemical products	1,347	2,297	4,696	4,674	4,294	4,278	964
Nonmetallic products	693	650	420	633	814	733	715
Fabricated metal products	1,672	1,198	1,793	1,153	649	1,064	889
Other	65	629	161	251	709	387	1,692
All manufactured goods	15,708	17,218	20,106	19,471	17,227	17,699	14,562
(Percent change)	1.7	9.6	16.8	-3.2	-11.5	2.7	-17.7

Source: Tonga Statistics Department.



Table 5. Tonga: Tourism Statistics, 1991/92-1997/98

Years ending June	1991/92	1992/93	1993/94	1994/95	1995/96	1996/97	1997/98
Number of arrivals	22,053	23,020	25,523	28,408	29,520	26,642	26,162
(Percent change)	3.7	4.4	10.9	11.3	3.9	-9.7	-1.8
	(In percent of total; unless otherwise specified)						
Country of origin							
Australia	15.0	15.6	14.3	16.3	15.9	18.6	15.3
New Zealand	28.2	28.9	28.9	30.5	32.6	32.4	28.8
United States	22.1	22.3	22.3	21.7	20.9	18.4	23.2
Pacific Islands	8.8	7.6	7.6	7.9	6.9	3.1	3.6
Other	25.9	26.9	26.9	23.6	23.7	27.6	29.2
Gross receipts (pa'anga million) 1/	10	11.4	12.5	13.3	13.9	15.9	15.8
Average total expenditure per visitor (in pa'anga) 1/	526	592	488	459	501	558	538
Arrivals on cruise ships 2/	4,524	3,590	10,029	2,113	2,987	1,865	3,187
Memorandum item:							
Tourism receipts (pa'anga million) 3/	10.1	12.5	12.5	12.6	15.6	15.5	15.8

Source: Data provided by the Tongan authorities.

1/ Based on surveys by the Tonga Visitors' Bureau; figures differ from the balance of payments data. These series relate to calendar years ending in the respective fiscal year (1993/94=1993).

2/ Including passengers and crew members.

3/ Balance of payments data from foreign exchange records.

Table 6. Tonga: Consumer Price Index, 1991/92-1995/96

(Annual average; percent change)

Years ending June	Weights	1991/92	1992/93	1993/94	1994/95	1995/96	1996/97	1997/98 2/
<b>Headline inflation</b>								
Overall index	100.00	8.7	3.1	2.4	0.3	2.8	1.8	2.2
Local component	45.81	14.8	2.2	4.1	3.3	1.2	1.4	5.5
Imported component	54.19	2.9	4.0	0.6	-2.8	5.0	2.3	-0.7
Food	43.18	10.3	2.4	-1.6	0.6	5.8	4.6	3.1
Beverages	5.35	5.3	6.3	1.9	4.1	3.0	2.4	1.6
Clothing and footwear	4.17	0.8	-2.2	0.2	-5.1	3.7	0.0	-0.6
Housing	6.37	14.4	6.9	6.6	-2.9	1.7	0.9	1.5
Household goods	14.22	7.2	3.0	12.5	4.7	0.0	-1.5	1.3
Transportation	15.52	2.5	4.1	0.0	-1.0	1.0	-3.7	0.9
Miscellaneous	11.19	7.8	2.5	5.0	-1.8	-2.3	3.1	2.9
<b>Underlying inflation 1/</b>								
Overall index	80.96	3.4	3.4	2.9	-0.1	2.4	...	...
Local component	38.20	4.2	4.4	5.3	1.8	2.3	...	...
Imported component	42.76	3.0	2.9	1.7	-1.2	2.2	...	...
<b>Memorandum items:</b>								
Overall index; end of period								
Headline		10.4	-2.7	4.9	1.3	3.7	1.9	1.5
Underlying		3.6	2.8	3.2	-1.3	4.7	...	...

Sources: Tonga Statistics Department; and National Reserve Bank of Tonga (NRBT).

1/ The underlying rate, constructed by the NRBT until 1995/96, comprises 81 percent of headline items. Highly volatile items, such as domestic fruits and vegetables, have been excluded.

2/ First three quarters.

Table 7. Tonga: Population and Labor Market, 1991/92-1996/97

(In persons, unless otherwise specified)

Years ending June	1991/92	1992/93	1993/94	1994/95	1995/96	1996/97
Total population	98,170	98,785	99,419	100,061	100,714	97,784
Male	49,362	49,672	49,985	50,304	50,630	49,615
Female	48,808	49,113	49,434	49,757	50,084	48,169
Labor force	...	...	36,665	...	...	33,908
Male	...	...	21,373	...	...	21,695
Female	...	...	15,292	...	...	12,213
Employed	...	...	32,327	...	...	29,406
Male	...	...	20,212	...	...	18,402
Female	...	...	12,115	...	...	11,004
Regularly paid employees	...	...	8,569	...	...	13,318
Full-time government workers	3,717	3,846	3,846	3,900	4,195	5,209
(In percent of regularly paid employees)	...	...	44.9	...	...	39.1
Participation rate	...	...	52.2	...	...	...
Male	...	...	61.8	...	...	...
Female	...	...	42.9	...	...	...
Unemployment rate	...	...	11.8	...	...	13.3

Sources: Tonga Statistics Department based on 1993/94 Labor Force Survey and 1996 Population Census.

1/ 1996/97 figures are from the 1996 Population Census. Discrepancies with the estimates of earlier years are being resolved.

Table 8. Tonga: Government Positions and Salary Scales

Government Positions	Grade Level	Min.	Max.	Equivalent private positions
Department Heads	1	-	19,250	
	2		16,500	
Legal Counsel	7	11,295	12,456	Company Secretary
Assistant Secretary	9	6,983	10,527	Executive Secretary
Principal	5	12,232	15,374	Administration Manager
Educational Officer	9	6,983	10,527	Training Officer
Translator	12	4,019	5,482	Bilingual Secretary
Telephone Operator	14/13	1,980	3,428	Receptionist/Clerk
Senior Accountant	7	10,133	12,456	Senior Accountant
Examiner	9/8/7	5,801	11,295	Credit Controller
Accounting Officer	9	5,801	7,770	Payroll Accountant/Assistant Accountant
Treasury Clerk	12/11	5,273	6,372	Senior Clerk
Computer Assistant	13	2,728	3,311	Data Entry Clerk
Treasury Clerk	12	4,437	5,064	Cashier
Assistant Secretary	9	6,983	10,527	Finance Secretary
Deputy Gov. Supply Officer	6	11,393	13,698	Materials Management Manager
Procurement Officer	11/10	5,158	7,152	Buyer
Customs Officer	14/13	1,980	3,661	Customs Clerk
Supervisor Mechanical	9	7,770	10,527	Service Supervisor
Mechanic	12/10	5,482	7,548	Mechanic
Senior Stock Control Officer	9	6,983	10,527	Distribution Supervisor
Head Storeman	12	4,019	5,482	Warehouse Storeman

Note: Adjustment for Cost of Living Allowance is included

Source: 'Uta'atu and Associates: "Salaries and Benefit"; A survey of the Kingdom of Tonga 1997;  
Nuku'alofa, Tonga

Table 9. Tonga: Central Government Operations, 1994/95-1998/99

Years ending June	1994/95	1995/96	1996/97 1/	1997/98		1998/99
				Budget	Prel. 1/	Budget 1/
(In millions of pa'anga)						
Revenue	57.0	60.2	58.9	61.0	60.5	61.9
Tax	39.9	43.1	45.0	44.4	43.7	44.0
Nontax	17.1	17.1	13.8	16.6	16.8	17.8
Revolving funds and other transfers	2.5	1.8	10.7	5.1	3.2	6.2
Grants	34.5	20.3	21.0	59.9	25.8	45.7
Expenditure and net lending	101.5	80.4	93.2	133.2	99.7	117.9
Current	49.1	55.6	59.1	58.0	64.6	66.6
Development 2/	52.4	24.8	34.1	75.2	35.1	51.3
Overall balance	-7.6	1.9	-2.6	-7.2	-10.2	-4.2
Financing	7.6	-1.9	2.8	7.2	10.2	4.2
Foreign loans	7.6	0.1	-0.2	2.1	4.5	2.5
Drawings	10.3	5.2	3.9	5.3	7.7	5.5
Repayments	-2.6	-5.0	-4.1	-3.2	-3.2	-3.0
Tonga Trust Fund drawings	1.4	0.3	1.1	6.2	6.0	3.1
Domestic financing	-1.4	-2.2	1.8	-1.1	-0.3	-1.3
Banking system	-0.2	2.2	1.8	0.0	1.7	-1.3
Other 3/	-1.3	-4.4	0.0	-1.1	-2.0	0.0
(As percent of GDP)						
Revenue	26.6	26.4	26.2	26.1	25.9	25.8
Tax	18.6	18.9	20.1	19.0	18.7	18.3
Nontax	8.0	7.5	6.2	7.1	7.2	7.4
Revolving funds and other transfers	1.1	0.8	4.8	2.2	1.4	2.6
Grants	16.1	8.9	9.4	25.7	11.1	19.0
Expenditure and net lending	47.4	35.3	41.6	57.1	42.7	49.1
Current	22.9	24.4	26.4	24.9	27.7	27.7
Development 2/	24.5	10.9	15.2	32.2	15.0	21.3
Overall balance	-3.5	0.8	-1.2	-3.1	-4.4	-1.8
Financing						
Foreign loans	3.6	0.0	-0.1	0.9	1.9	1.0
Tonga Trust Fund drawings	0.7	0.1	0.5	2.6	2.6	1.3
Domestic financing	-0.7	-1.0	0.8	-0.5	-0.1	-0.5
Banking system	-0.1	1.0	0.8	0.0	0.7	-0.5
Other 3/	-0.6	-1.9	0.0	-0.5	-0.9	0.0
Memorandum items:						
Current balance	3.7	2.0	-0.1	1.3	-1.8	-2.0
Overall balance (excluding grants)	-19.6	-8.1	-10.6	-28.8	-15.5	-20.8

Sources: Tonga Ministry of Finance; and Fund staff estimates.

1/ Data classified according to program budget format.

2/ Budget statement figures have not been adjusted for the estimated implementation rate.

3/ Includes discrepancy.

Table 10. Tonga: Central Government Revenues, 1994/95-1998/99

Years ending June	1994/95	1995/96	1996/97	1997/98		1998/99
				Budget	Prel.	Budget
(In millions of pa'anga)						
Total revenue and transfers	59.4	62.0	69.6	66.1	63.6	68.0
Tax revenue	39.9	43.1	45.0	44.4	43.7	44.0
Income tax	6.7	9.2	9.9	8.7	9.8	9.0
Taxes on goods and services	6.4	6.6	6.2	7.3	7.2	7.7
Sales tax	5.9	6.1	5.9	6.5	6.5	6.7
License fees	0.6	0.6	0.4	0.8	0.6	1.0
Taxes on international transactions	26.8	27.3	28.9	28.4	26.7	27.4
Import duties	14.0	13.7	13.7	14.9	13.3	13.9
Ports and services tax	12.8	13.6	15.2	13.5	13.5	13.5
Nontax revenue and transfers	19.6	18.9	24.6	21.7	20.0	24.0
Government services 1/	13.2	12.7	9.8	12.3	12.2	13.0
Rents and investment income	3.9	4.5	4.0	4.2	4.6	4.9
Other 2/	2.5	1.8	10.7	5.1	3.2	6.2
(In percent of total revenue)						
Tax revenue	67.1	69.5	64.7	67.2	68.6	64.7
Income tax	11.2	14.8	14.2	13.1	15.4	13.2
Taxes on goods and services	10.8	10.7	8.9	11.1	11.3	11.2
Sales tax	9.9	9.8	8.4	9.9	10.3	9.8
License fees	1.0	0.9	0.5	1.2	1.0	1.4
Taxes on international transactions	45.0	44.0	41.6	43.0	42.0	40.3
Import duties	23.5	22.1	19.6	22.6	20.8	20.4
Ports and services tax	21.6	21.9	21.9	20.4	21.2	19.8
Nontax revenue and transfers	32.9	30.5	35.3	32.8	31.4	35.3
Government services 1/	22.3	20.5	14.1	18.7	19.2	19.0
Rents and investment income	6.5	7.2	5.8	6.4	7.1	7.2
Other 2/	4.1	2.8	15.4	7.7	5.0	9.0
(In percent of GDP)						
Total revenue and transfers	27.7	27.2	31.0	28.3	27.3	28.3
Tax revenue	18.6	18.9	20.1	19.0	18.7	18.3
Income tax	3.1	4.0	4.4	3.7	4.2	3.7
Taxes on goods and services	3.0	2.9	2.8	3.1	3.1	3.2
Taxes on international transactions	12.5	12.0	12.9	12.2	11.5	11.4
Nontax revenue and transfers	9.1	8.3	11.0	9.3	8.6	10.0

Sources: Tonga Ministry of Finance; and Fund staff estimates.

1/ Income from the post office has been netted against expenditures.

2/ Includes transfers from revolving funds and local community contributions to the development budget.

Table 11. Tonga: Central Government Current Expenditures, 1994/95-1998/99

Years ending June	1994/95	1995/96	1996/97	1997/98		1998/99
				Budget	Prel.	Budget
(In millions of pa'anga)						
Total current expenditures 1/	49.1	55.6	59.1	58.0	64.6	66.6
Public administration	19.1	21.6	20.6	19.3	19.2	20.3
General administration	10.7	12.6	10.9	9.6	9.7	10.2
Fiscal administration 2/	1.9	2.1	2.5	2.4	2.2	2.6
Law and order 3/	6.5	6.9	7.3	7.4	7.2	7.5
Social and community services	18.4	19.1	22.1	22.9	23.0	22.8
Education	9.9	9.9	12.2	11.8	12.1	11.8
Health	6.7	7.2	7.7	8.3	8.2	8.3
Pensions and gratuities	1.4	1.5	1.6	2.3	2.3	2.3
Other	0.5	0.5	0.5	0.5	0.5	0.5
Economic services	10.4	11.2	12.7	13.5	13.3	13.5
Agriculture, forestry, and fisheries	3.9	4.3	5.0	5.6	5.5	5.8
Tourism	0.6	0.7	0.9	0.9	0.9	0.9
Transportation, communications, and public works	6.0	6.3	6.8	6.9	6.9	6.8
Other	1.2	3.7	3.7	4.4	9.1	10.0
(In percent of GDP)						
Total current expenditures 1/	22.9	24.4	26.4	24.9	27.7	27.7
Public administration	8.9	9.5	8.8	8.3	8.2	8.5
<i>Of which: Law and order 3/</i>	3.0	3.0	4.7	4.1	4.2	4.2
Social and community services	8.6	8.4	9.5	9.8	9.9	9.5
Economic services	4.9	4.9	5.7	5.8	5.7	5.6
Other	0.6	1.6	1.6	1.9	3.9	4.2
(In millions of pa'anga)						
Memorandum items:						
Salaries and wages	25.7	28.8	31.1	34.4	35.6	37.2
Maintenance and operations	4.1	3.9	6.6	6.0	5.1	5.5
Purchase of goods and services	7.0	8.6	13.9	21.7	19.2	18.2
(Percent)						
Shares in current expenditure						
Salaries and wages	52.3	51.9	52.6	59.4	55.1	55.8
Maintenance and operations	8.3	7.0	11.2	10.4	7.8	8.3
Purchase of goods and services	14.2	15.5	23.6	37.3	29.8	27.3

Sources: Tonga Ministry of Finance; and Fund staff estimates.

1/ Excludes amortization on public debt, appropriations to the development budget, and sinking funds, which were included in the Tongan budget presentation.

2/ Excludes government store expenditure.

3/ Information on the share of defense expenditure is not compiled separately.

Table 12. Tonga: Development Expenditures plus Net Lending by Source of Funding, 1994/95-1998/99

Years ending June	1994/95	1995/96	1996/97	1997/98		1998/99
				Budget	Prel.	Budget
(In millions of pa'anga)						
Total development expenditures plus net lending	52.4	24.8	34.1	75.2	35.1	51.3
Domestic Sources	8.8	4.1	12.2	7.0	-1.3	0.1
Appropriations from revenue	1.9	0.0	-0.3	3.1	-6.2	-4.8
Bond issues	0.0	0.0	0.0	-1.0	0.0	0.0
Revolving funds	2.8	2.9	3.3	4.7	2.8	5.7
Miscellaneous	5.5	0.5	7.4	0.2	0.4	0.4
Bank financing	-0.2	2.2	1.8	0.0	1.7	-1.3
(-)Repayments of lending to the government	-1.2	-1.4	0.0	0.0	0.0	0.0
Foreign sources	42.1	20.4	20.8	62.0	30.3	48.1
Grants	34.5	20.3	21.0	59.9	25.8	45.7
Loans	7.6	0.1	-0.2	2.1	4.5	2.5
Tonga Trust Fund drawings	1.4	0.3	1.1	6.2	6.0	3.1
(In percent of total)						
Domestic sources	16.8	16.7	35.7	9.3	-3.8	0.2
Appropriations from revenue	3.7	0.0	-1.0	4.1	-17.7	-9.3
Bond issues	0.0	0.0	0.0	-1.3	0.0	0.0
Revolving funds	5.3	11.6	9.6	6.2	7.9	11.2
Miscellaneous	10.5	2.0	21.8	0.3	1.1	0.8
Bank financing	-0.3	8.7	5.3	0.0	4.8	-2.5
(-)Repayments of lending to the government	-2.4	-5.6	0.0	0.0	0.0	0.0
Foreign sources	80.4	82.1	61.0	82.5	86.6	93.9
Grants	65.8	81.7	61.5	79.7	73.7	89.1
Loans	14.6	0.4	-0.5	2.8	12.8	4.8
Tonga Trust Fund drawings	2.7	1.3	3.3	8.2	17.2	6.0

Sources: Tonga Ministry of Finance; and Fund staff estimates.



Table 13. Tonga Trust Fund, 1992/93-1997/98 <sup>1/</sup>

	1992/93	1993/94	1994/95	1995/96	1996/97	1997/98 Prel.
	(In millions of pa'anga)					
Opening balance	32.6	32.6	33.5	31.4	28.9	30.6
Proceed	1.7	1.8	1.3	2.2	3.4	4.5
Local sales	0.2	0.0	0.7	0.0	0.5	0.3
Overseas sales and interest	1.5	1.8	0.6	2.2	2.4	2.8
Tonga Sat					0.5	1.4
Drawdowns	2.2	1.8	1.1	3.8	1.6	5.2
Expenditures	2.2	1.8	0.0	0.0	0.0	0.0
Advances	0.0	0.0	1.1	3.8	1.6	5.2
Revaluation adjustment	0.5	0.9	-2.4	-0.9	-0.1	0.0
Closing balance	32.6	33.5	31.4	28.9	30.6	29.9
Invested overseas	28.0	28.5	27.0	26.8	29.4	28.7
Deposited in Tonga	4.6	4.2	4.4	2.1	1.1	1.2
Held in Treasury	0.0	0.8	0.0	0.0	0.0	0.0

Sources: Data provided by the Tongan authorities.

1/ Based on financial year ending March 31.

Table 14. Tonga: Public Enterprises

Public enterprise	Face value stock held by the government (pa'anga)
Air Pacific Ltd.	62,174
Pacific Forum Line	775,583
Shipping corporation of Polynesia Ltd.	6,000
Bank of Tonga	1,200,000
Tonga Development Bank	8,666,310
International Finance Corporation	26,356
Royal Tongan Airlines	6,200,000
Tonga Commodities Board	400,100
Sea Star Fishing Ltd.	1,500,000
Leiola Duty Free	600,000
Charity Foundation	9,999
Coconut Oil	99
Export Produce Treatment Services Ltd.	40,000
FRISCO	99
Home Gas	99
International Dateline Hotel	5,999,999
Palm Soap	99
PPEL	99
Royal Beer	250
Pacific Warehouse Ltd.	99
Tonga Investment Ltd	100
Tonga National Shipping Line Ltd.	90
Tonga Ship Building Ltd.	240
Tonga Timber Ltd.	1,619,999
Tonga Oil Company Ltd.	4,999,999
<b>Total</b>	<b>32,107,793</b>

Source: Data provided by the Tongan authorities.

Table 15. Tonga: National Debt Outstanding, 1992/93-1996/97 1/

Years ending June	1992/93	1993/94	1994/95	1995/96	1996/97
(In millions of pa'anga; end of period)					
Total debt	82.4	83.4	93.0	87.9	85.8
Total domestic debt	14.2	12.6	11.2	11.3	12.0
Bank loans	6.6	5.8	4.4	0.2	1.6
Bonds on issue	7.6	6.8	6.8	11.1	10.4
Total external debt 2/	68.2	70.8	81.8	76.6	73.8
Bilateral	23.0	22.1	22.5	17.1	13.5
Multilateral	37.7	41.3	52.0	52.2	53.8
Commercial loans	7.5	7.4	7.3	7.4	6.5
(In millions of U.S. dollars; end of period)					
Total debt	58.9	61.0	72.5	70.2	69.8
Total domestic debt	10.2	9.2	8.8	9.2	9.6
Total external debt 2/	48.8	51.7	63.7	61.0	60.2
(In percent of GDP; end of period)					
Total debt	41.5	40.2	43.4	38.6	38.3
Total domestic debt	7.1	6.1	5.2	5.0	5.4
Total external debt 2/	34.3	34.1	38.1	33.6	32.9
(In millions of pa'anga; end of period)					
Memorandum items:					
Tonga Trust Fund, closing balance 3/	32.6	33.5	31.4	28.9	30.6
NRBT external reserves	49.2	40.9	30.1	29.8	32.9

Source: Data provided by the Tongan authorities.

1/ Component may not add to totals because of rounding.

2/ Comprises government and government-guaranteed debt.

3/ As of March 31.

Table 16. Tonga: Monetary Survey, 1992/93-1997/98

Years ending June	1992/93	1993/94	1994/95	1995/96	1996/97	1997/98
(In millions of pa'anga; end of period)						
Net foreign assets	45.7	41.2	31.6	29.8	33.0	16.4
Gross international reserves	49.8	43.1	32.8	30.8	37.8	26.0
Foreign liabilities	-4.1	-1.9	-1.2	-1.0	-4.9	-9.7
Net domestic assets	5.3	15.4	33.4	36.9	43.2	61.3
Domestic credit	34.6	37.4	50.4	56.8	66.9	83.4
Central government (net)	4.2	-1.4	-1.5	0.6	2.4	4.1
Public enterprises	0.4	0.1	0.1	0.1	0.4	0.6
Private sector	30.9	38.7	53.5	58.6	65.3	78.9
Other financial institutions	-0.9	-0.1	-1.7	-2.5	-1.2	-0.2
Other items (net)	-29.3	-22.0	-17.0	-19.9	-23.7	-22.1
Broad money (M2)	51.0	55.5	65.0	66.8	76.2	77.8
Narrow money	19.1	19.3	22.8	20.4	20.9	21.3
Quasi-money	31.9	36.2	42.2	46.3	55.3	56.5
(Percent change)						
Net foreign assets	18.8	-9.7	-23.3	-5.7	10.7	-50.3
Domestic credit	-19.6	8.0	34.8	12.8	17.7	21.4
<i>Of which</i> : Private sector	-10.8	25.3	38.2	9.5	11.4	20.8
Broad money	4.2	8.8	17.1	2.8	14.1	2.1
(Percent contribution to change in M2)						
Net foreign assets	14.8	-8.7	-17.3	-2.8	4.8	-21.8
Net domestic assets	-10.6	19.6	32.6	5.4	9.4	23.8
Domestic credit	-17.2	5.4	23.6	9.8	15.1	21.7
<i>Of which</i> : Private sector	-7.6	15.3	26.7	7.8	2.7	2.2
Other items (net)	6.6	14.2	9.0	-4.5	10.0	17.8
Memorandum items:						
Velocity (GDP/average stock of M2)	4.0	3.9	3.6	3.5	3.1	3.0
Nominal GDP (pa'anga mn.)	198.6	207.6	214.5	227.9	224.2	233.2
Average stock of M2 (pa'anga mn.)	50.0	53.3	60.3	65.9	71.5	77.0

Source: National Reserve Bank of Tonga.

Table 17. Tonga: Banking Survey, 1992/93-1997/98 1/

Years ending June	1992/93	1993/94	1994/95	1995/96	1996/97	1997/98
(In millions of pa'anga; end of period)						
Net foreign assets	40.6	36.5	26.5	25.3	29.0	13.0
Net international reserves	45.7	41.3	31.6	29.8	33.0	16.4
Other foreign assets (net)	-5.1	-4.7	-5.1	-4.5	-4.0	-3.4
Net domestic assets	9.2	17.1	33.3	38.6	44.6	62.0
Domestic credit	66.0	73.5	91.7	99.3	109.0	125.1
Central government (net)	5.7	-0.6	-0.5	-1.0	0.5	0.1
Public enterprises	0.4	0.1	3.4	3.4	2.9	1.8
Private sector	59.8	74.0	88.9	96.9	105.7	123.2
Other items (net)	-56.7	-56.4	-58.4	-60.7	-64.4	-63.1
Liquid liabilities	49.8	53.6	59.8	63.8	73.6	75.2
Narrow money	19.1	19.3	22.8	20.4	20.9	21.3
Quasi-money	31.9	36.2	42.2	46.3	55.3	56.5
Less: Reserves of TDB	-1.2	-1.9	-5.2	-3.0	-2.6	-2.6
(Percent change)						
Net foreign assets	16.4	-9.9	-27.6	-4.6	14.7	-55.1
Domestic credit	-6.1	11.4	24.8	8.2	9.8	14.7
<i>Of which</i> : Private sector	1.6	23.6	20.2	9.0	9.1	16.6
Liquid liabilities	12.9	7.7	11.5	6.7	15.4	2.2
(Percent contribution to change in liquid liabilities)						
Net foreign assets	12.95	-8.09	-18.78	-2.02	5.8	-21.7
Net domestic assets	-0.05	15.81	30.23	8.75	9.5	23.6
Domestic credit	-9.68	15.16	33.99	12.64	15.3	21.8
<i>Of which</i> : Private sector	2.09	28.42	27.80	13.38	13.8	23.8
Other items (net)	9.64	0.64	-3.77	-3.90	-5.7	1.8

Source: National Reserve Bank of Tonga.

1/ Includes the National Reserve Bank of Tonga, commercial banks, and the Tonga Development Bank.

Table 18. Tonga: Accounts of the National Reserve Bank of Tonga, 1992/93-1997/98

(In millions of pa'anga; end of period)

Years ending June	1992/93	1993/94	1994/95	1995/96	1996/97	1997/98
Net foreign assets	48.4	40.0	29.6	29.6	32.6	20.9
Foreign assets	49.2	40.9	30.1	29.8	32.8	21.3
Foreign liabilities	-0.8	-0.9	-0.5	-0.2	-0.2	-0.4
Net domestic assets	14.6	20.5	23.1	17.8	17.6	16.9
Net domestic credit	11.2	11.0	9.9	5.5	5.4	5.4
Claims on central government	11.2	11.0	7.9	5.5	5.4	5.4
Claims on financial institutions	0.0	0.0	2.0	0.0	0.0	0.0
Other items, net	3.4	9.5	13.2	12.3	12.1	11.5
Total assets = Total liabilities plus capital	63.0	60.5	52.6	47.4	50.2	37.8
Reserve money	12.2	15.0	15.9	21.4	20.8	19.8
Currency issued	6.9	8.4	9.1	8.2	8.2	8.2
Banks' deposits at NRBT	5.3	6.6	6.8	13.3	12.6	11.6
<i>Of which</i> : Required reserves	2.9	3.4	3.9	7.9	8.6	9.1
NRBT notes 1/	43.0	39.0	31.5	21.6	26.6	13.5
Central government deposits	5.2	3.7	2.3	1.3	0.4	2.8
Capital and reserves	2.7	2.8	2.9	3.0	2.5	1.7
Memorandum items:						
Money multipliers 2/						
Narrow money	1.6	1.3	1.4	1.0	1.0	1.1
Broad money	4.2	3.7	4.1	3.1	3.7	3.9

Source: National Reserve Bank of Tonga.

1/ In April 1993, NRBT notes were issued to replace term deposits of commercial banks.

2/ Defined as money supply divided by reserve money.

Table 19. Tonga: Consolidated Accounts of Deposit Money Banks 1992/93-1997/98

(In millions of pa'anga; end of period)

Years ending June	1992/93	1993/94	1994/95	1995/96	1996/97	1997/98
Net foreign assets	-2.7	1.2	2.0	0.2	0.4	-4.6
Foreign assets	0.6	2.2	2.8	1.0	5.0	4.7
Foreign liabilities	-3.4	-1.0	-0.8	-0.8	-4.7	-9.3
Net domestic assets	82.5	94.6	106.8	109.6	119.5	123.4
Banks' reserves	48.9	46.1	38.7	34.5	39.3	26.5
Cash in vault	0.8	1.6	1.7	1.3	1.9	2.1
Deposits at NRBT	5.3	6.6	6.8	13.3	12.6	11.6
NRBT notes	42.7	37.8	30.2	20.0	24.8	12.8
Net domestic credit	38.4	46.8	62.7	69.3	77.7	92.7
Claims on central government	6.7	6.1	6.7	9.1	10.2	10.5
Claims on public enterprises	0.4	0.1	0.1	0.1	0.4	0.6
Claims on private sector	30.9	38.7	53.5	58.6	65.3	78.9
Claims on nonmonetary financial institutions	0.4	1.9	2.5	1.6	1.8	2.7
Other items, net	-4.7	1.8	5.4	5.7	2.6	4.2
Total assets = Total liabilities plus capital	79.8	95.9	108.8	109.7	119.8	118.8
Government deposits	13.2	19.0	16.0	14.7	14.0	12.4
Demand deposits	3.5	7.9	3.8	3.9	4.3	2.5
Time deposits	5.1	6.9	10.0	8.7	8.5	8.7
Tonga Trust Fund	4.6	4.2	2.2	2.1	1.1	1.2
Nongovernment deposits	43.2	49.6	60.8	62.8	72.9	74.7
Demand deposits	13.4	12.6	17.3	14.8	20.4	19.2
Savings deposits	15.6	20.4	20.6	20.8	20.8	22.3
Time deposits	14.2	16.6	22.9	27.1	31.7	33.2
Capital and reserves	23.4	27.3	31.9	32.3	33.0	32.0

Source: National Reserve Bank of Tonga.

Table 20. Tonga: Bank Credit by Sector, 1992/93-1997/98

Year Ending June	1992/93	1993/94	1994/95	1995/96	1996/97	1997/98
<b>Commercial banks</b>						
	(In millions of pa'anga; end of period)					
Central government 1/	0.1	0.1	0.0	0.0	1.5	2.6
Public enterprises	0.4	0.1	0.1	0.1	0.4	0.6
Private sector	30.9	38.3	53.4	59.3	66.2	78.7
Agriculture	3.1	3.3	4.4	4.7	3.6	2.5
Industry and trade	9.4	12.2	18.2	20.4	19.1	28.5
Housing	14.3	15.8	19.8	21.1	27.3	32.0
Personal	3.9	6.5	10.7	12.8	16.0	15.7
Other	0.3	0.6	0.3	0.4	0.3	n.a.
Total	31.4	38.5	53.6	59.4	68.1	81.9
	(Percent change)					
Private sector	-6.7	24.0	39.3	11.1	11.5	18.9
Agriculture	-19.5	6.1	34.0	6.9	-24.0	-30.2
Industry and trade	-7.8	29.4	50.0	12.0	-6.4	49.3
Housing	-2.5	10.6	25.1	6.5	29.5	17.3
Personal	-5.6	68.9	63.8	19.9	24.8	-1.7
Other	-23.5	115.4	-44.6	15.8	-27.6	-100.0
<b>Tonga Development Bank</b>						
	(In millions of pa'anga; end of period)					
Central government	0.9	0.8	2.0	2.0	1.7	1.7
Public enterprises	0.6	0.0	3.3	3.3	2.5	1.2
Private sector	28.8	35.1	35.3	38.2	40.3	44.0
Agriculture	11.0	16.7	17.5	18.8	17.8	18.9
Industry and trade	17.5	18.4	15.6	15.3	16.9	17.2
Total	30.3	35.9	40.5	43.6	44.4	46.9
	(Percent change)					
Private sector	22.4	21.9	0.6	8.2	5.5	9.2
Agriculture	33.3	39.3	4.7	7.2	-5.0	5.9
Industry and trade	15.9	4.9	-14.9	-1.7	9.9	2.2

Source: National Reserve Bank of Tonga.

1/ Excludes holdings of government securities.



Table 21. Tonga: Accounts of the Tonga Development Bank, 1992/93-1997/98

(In millions of pa'anga; end of period)

Years ending June	1992/93	1993/94	1994/95	1995/96	1996/97	1997/98
Reserves	1.2	1.9	5.2	3.0	2.6	2.6
Net domestic assets	34.1	39.8	43.6	47.4	49.6	52.1
Domestic credit	30.3	35.9	40.5	43.5	44.4	46.9
Claims on central government	0.9	0.8	2.0	2.0	1.7	1.7
Claims on public enterprises	0.6	0.0	3.3	3.3	2.5	1.2
Claims on private sector	28.8	35.1	35.3	38.2	40.3	44.0
Other items, net	3.8	3.9	3.0	3.9	5.2	5.2
Total assets = Total liabilities plus capital	35.3	41.7	48.8	50.3	52.2	54.7
Long-term foreign liabilities 1/	5.1	4.7	5.1	4.5	4.0	3.4
Government-lending funds 2/	14.3	16.0	16.0	17.5	17.8	17.4
TDB bonds and notes	0.0	3.6	8.2	7.7	8.1	9.9
Borrowing from Bank of Tonga	0.0	0.0	0.0	0.0	0.0	0.0
Borrowing from NRBT	0.0	0.0	0.0	0.0	0.0	0.0
Capital and reserves	15.9	17.4	19.4	20.7	22.1	23.2

Source: Tonga Development Bank.

1/ Direct borrowing by the Tonga Development Bank from foreign sources. The exchange risk is assumed by the government.

2/ Borrowing by the Government from foreign sources for on-lending to the Tonga Development Bank. The exchange risk is carried by the government.

Table 22. Tonga: Interest Rate Structure, 1992/93-1997/98

(In percent per annum; end of period)

Years ending June	1992/93	1993/94	1994/95	1995/96	1996/97	1997/98 March
<b>National Reserve Bank of Tonga</b>						
Minimum lending rate 1/	5.25	5.25	5.40	7.00	7.00	7.00
Reserve Bank notes (3 months) 2/	4.50	2.80	3.30	5.50	5.50	5.50
Reserve Bank notes (1 month) 2/		1.30	1.30	3.50	3.50	3.50
<b>Commercial bank deposits</b>						
Saving deposits	4.00	4.25	4.25	4.25	4.21	5.08
Time deposits 3/						
3 months	4.25	4.58	4.58	5.00	4.83	5.25
6 months	4.25	4.75	4.75	5.58	5.42	5.50
12 months	5.00	5.42	5.42	6.25	6.00	6.08
24 months	6.00	6.25	6.25	6.75	6.50	6.58
36 months	6.25	6.63	6.63	7.25	7.00	7.00
48 months	6.50	6.63	6.63	7.50	7.33	7.33
Average rate on all savings and time deposits	4.44	4.78	4.78	5.11	5.11	5.08
<b>Commercial bank loans</b>						
Base rate 4/	9.00	9.00	9.00	9.00	9.00	9.00
Personal homes	9.50	10.00	10.00	10.00	10.00	10.00
<b>Tonga Development Bank loans</b>						
Small-scale subsistence 5/	9.50	9.50	9.50	9.50	9.50	9.50
High priority loans 6/	11.50	11.00	11.00	12.00	12.00	12.00
Maximum rate	12.50	12.00	12.00	12.00	12.00	12.00
<b>Memorandum items:</b>						
Real interest rate 7/	1.38	2.41	4.44	2.27	2.27	3.26
Nominal interest rate differential 8/	-0.83	-0.38	-3.07	-2.40	-2.55	-0.20
Spread lending and deposit rate 9/	5.06	5.22	5.22	4.89	4.89	4.92
Reserve requirement 10/	5.00	5.00	5.00	10.00	10.00	10.00

Sources: Data provided by the Tongan authorities; and Fund staff estimates.

1/ Minimum lending rate was raised to 5.4 percent in June 1995, to 7 percent in December 1995, and to 9 percent in September 1998.

2/ The NRBT notes were introduced in April 1993. Prior to that, the NRBT had long-term deposits from the BOT.

3/ Prior to September 1992, for deposits greater than T\$100,000. After September 1992, interest rates are set on customer basis.

4/ Base rate is the lowest rate charged. Prior to December 1992, it was the preferential rate.

5/ For loans to export-oriented industries, manufacturing and raw materials processing, and tourism activities except restaurants.

6/ Loans less than T\$1,000 for activity in agriculture, fisheries, and livestock.

7/ Average rate for saving and time deposits minus average CPI.

8/ Difference between 3-month deposit rate in Tonga and rate on 3-month Australian treasury bills.

9/ Based on lending rate for personal homes and average rate on saving and deposit rate.

10/ Statutory reserve requirements (introduced March 1993) were 5 percent and raised to 10 percent in December 1995, and to 12 percent in September 1998. They are not remunerated.

Table 23. Tonga: Balance of Payments Summary, 1992/93-1997/98

(In millions of U.S. dollars)

Years ending June	1992/93	1993/94	1994/95	1995/96	1996/97	1997/98
Exports, f.o.b.	11.9	16.1	17.1	12.7	13.2	11.9
Imports, f.o.b.	-50.8	-54.5	-73.8	-66.5	-59.9	-78.9
Trade balance	-38.8	-38.5	-56.7	-53.8	-46.7	-67.1
Services (net)	-12.0	-14.7	-9.5	0.3	1.0	-5.2
Receipts	16.7	19.2	21.0	24.8	31.2	27.6
Payments 1/	-28.7	-33.8	-30.5	-24.6	-30.3	-32.9
Investment income (net)	2.1	2.3	1.0	0.6	1.5	3.3
Official transfers (net) 1/	16.6	12.4	11.0	5.9	6.2	12.0
Private transfers (net)	35.0	30.4	32.1	36.3	36.5	37.7
Current account balance	2.8	-8.0	-22.1	-10.7	-1.5	-19.3
Percent of GDP	2.0	-5.3	-13.2	-5.9	-0.8	-11.1
Capital account balance	1.4	5.3	12.5	11.2	3.9	7.2
Official loans (net)	3.5	2.4	5.9	2.1	0.0	4.7
Disbursements	4.5	3.9	7.9	6.0	3.3	7.3
Amortization	-1.0	-1.5	-2.0	-4.0	-3.3	-2.5
Other capital flows (net)	-7.0	2.9	5.8	10.4	6.1	2.6
Errors and omissions	4.9	-0.1	0.8	-1.3	-2.2	-0.1
Overall balance	4.3	-2.7	-9.6	0.6	2.4	-12.1
Change in net foreign assets	5.3	-3.3	-7.5	-1.4	2.6	-12.4
Revaluation	-1.0	0.5	-2.0	2.0	-0.2	0.3
Memorandum items:						
Gross international reserves	35.6	31.5	25.7	25.0	30.3	17.3
(in months of non-aid imports & services)	7.6	5.6	4.0	3.8	4.8	2.8
Debt-service ratio (in percent of exports of goods)	12.6	14.1	15.7	37.6	33.5	28.1
Debt/GDP ratio (in percent)	34.3	34.1	38.1	33.6	32.9	35.7
Exchange rate						
pa'anga per US\$ (period average)	1.37	1.37	1.28	1.26	1.23	1.35
pa'anga per US\$ (end-period)	1.40	1.37	1.28	1.23	1.25	1.50
Nominal GDP (US\$ mn.)	145.0	151.8	167.1	175.9	182.9	172.8

Source: Data provided by the Tongan authorities; and Fund staff estimates.

1/ Service payments and official transfers are adjusted for unrecorded aid-funded services. See Table 27.

Table 24. Tonga: Exports by Major Commodity, 1992/93-1996/97 1/

Years ending June	1992/93	1993/94	1994/95	1995/96	1996/97
<b>Squash</b>					
Value (US\$ million)	6.3	9.5	6.9	6.7	5.3
Volume (metric tonnes)	9,936	18,265	17,314	8,699	12,309
Unit value (US\$/tonne)	637	520	401	768	433
<b>Fish</b>					
Value (US\$ million)	1.6	2.6	3.4	3.3	1.7
Volume (metric tonnes)	324.58	526	546	637	375
Unit value (US\$/tonne)	4,947	5,031	6,242	5,196	4,609
<b>Root crops</b>					
Value (US\$ million)	0.6	0.7	0.4	0.8	1.0
Volume (metric tonnes)	1,080	2,187	973	1,507	2,356
Unit value (US\$/tonne)	514	334	449	523	415
<b>Vanilla</b>					
Value (US\$ million)	1.5	1.7	2.2	1.7	0.7
Volume (metric tonnes)	25	32	42	41	10
Unit value (US\$/kilogram)	60	52	53	42	65
<b>Coconut oil</b>					
Value (US\$ million)	0.2	0.0	...	...	...
Volume (metric tonnes)	490	56	...	...	...
Unit value (US\$/tonne)	354	402	...	...	...
Manufactured goods (US\$ million)	1.7	1.5	0.8	1.4	2.0
Other (US\$ million) 2/	0.1	(0.1)	3.3	(1.2)	2.5
Total exports (US\$ million)	11.9	16.1	17.1	12.7	13.2
<b>Memorandum item:</b>					
Export unit value (1990/91 = 100)	109.4	94.9	86.3	105.5	89.2

Source: Tonga Statistics Department.

1/ Values are on f.o.b. basis.

2/ Includes reexports.

Table 25. Tonga: Imports by Commodity, Category, and Sector, 1992/93-1996/97 1/

(In millions of U.S. dollars)

Years ending June	1992/93	1993/94	1994/95	1995/96	1996/97
Total imports	60.4	64.5	74.9	75.6	73.4
By commodity group					
Food, live animals, beverages, etc.	16.0	18.6	20.9	21.7	23.8
Crude materials, inedible	2.6	3.0	3.9	4.1	3.1
Fuels, lubricants, oils and fats	9.0	7.8	9.2	10.3	10.9
Chemicals	4.1	5.3	5.4	5.2	5.3
Manufactured goods and materials	11.5	12.2	16.1	12.8	11.6
Machinery and transportation equipment	11.5	12.2	13.9	15.5	12.7
Miscellaneous manufactured goods	5.5	5.2	5.2	5.8	5.8
Other	0.2	0.3	0.2	0.2	0.3
By economic category					
Consumer goods	21.2	24.3	27.1	28.8	29.7
Intermediate goods	28.5	29.7	35.1	33.5	31.0
Capital goods	7.3	7.2	8.8	9.0	6.2
Unclassified	3.4	3.2	3.9	4.4	6.5
By institutional sector					
Government	10.1	7.4	10.1	11.2	7.9
Quasi-government	4.9	8.3	9.8	6.1	3.6
Private	45.3	48.8	55.0	58.3	61.9
Memorandum item:					
Import unit value (1990/91 = 100)	101.5	101.6	101.5	101.7	102.0

Source: Tonga Statistics Department.

1/ Values are on c.i.f. basis derived from preliminary customs data. Preliminary f.o.b. figures are based on banking data. Official data, available until 1993/94, reconcile these two data series.

Table 26. Tonga: Direction of Trade, 1992/93-1996/97

(In percent of total)

Years ending June	1992/93	1993/94	1994/95	1995/96	1996/97
<b>Exports</b>					
Australia	10.1	6.3	3.1	5.1	5.6
New Zealand	15.6	6.7	6.3	9.5	15.2
Japan	52.9	57.0	51.5	49.1	45.8
United States	15.3	23.6	25.7	27.1	21.7
Fiji	1.7	1.6	1.0	1.9	5.8
Other	4.4	4.8	12.3	7.3	5.9
Total	100.0	100.0	100.0	100.0	100.0
<b>Imports</b>					
Australia	23.2	22.0	27.1	28.9	31.7
New Zealand	34.2	43.8	42.4	36.1	35.6
Japan	8.7	7.1	4.8	8.0	6.1
United States	8.3	8.9	8.8	11.5	11.4
Fiji	13.7	9.1	7.3	7.2	8.2
Other	12.0	9.2	9.6	8.3	6.9
Total	100.0	100.0	100.0	100.0	100.0

Source: Tonga Statistics Department.

Table 27. Tonga: Services and Transfers, 1992/93-1997/98

(In millions of US dollars)

Years ending June	1992/93	1993/94	1994/95	1995/96	1996/97	1997/98
Services, net	-12.0	-14.7	-9.5	0.3	1.0	-5.2
Receipts	16.7	19.2	21.0	24.9	31.3	27.6
Transportation	2.9	3.0	4.2	3.4	4.0	3.4
Travel	9.1	9.2	9.8	12.5	12.6	10.5
Other	4.7	7.0	7.0	9.0	14.6	13.8
Payments	-19.1	-24.8	-19.7	-18.5	-24.6	-21.5
Transportation	-5.0	-7.0	-10.0	-6.5	-5.9	-4.7
Travel	-1.0	-1.4	-3.0	-4.8	-6.4	-5.7
Other	-13.1	-16.4	-6.7	-7.3	-12.3	-11.1
Aid-funded services 1/	-9.6	-9.0	-10.7	-6.0	-5.7	-11.4
Investment income	2.1	2.3	1.0	0.6	1.5	3.3
Receipts	4.6	3.7	2.7	3.8	2.6	4.1
Payments	-2.5	-1.4	-1.7	-3.1	-1.1	-0.8
Official transfers, net	16.6	12.4	11.0	5.9	6.2	12.0
Receipts	21.0	15.9	11.9	6.8	7.0	12.7
Payments	-4.4	-3.5	-0.9	-0.9	-0.9	-0.7
Private transfers, net	35.0	30.4	32.1	36.3	36.5	37.7
Receipts	41.9	43.7	46.9	44.9	44.4	43.4
Households	20.7	19.7	20.6	29.7	37.2	34.8
Other	21.2	24.0	26.3	15.2	7.1	8.6
Payments	-7.0	-13.2	-14.8	-8.6	-7.8	-5.7
Total services and transfers	41.7	30.5	34.6	43.2	45.2	47.8

Sources: National Reserve Bank of Tonga, Tonga Statistics Department and staff estimates.

1/ Calculated as a percentage of total foreign grants, which are used mainly to finance imports of goods and services. The latter are often paid directly abroad and are not registered through the foreign exchange records of the local banking system, the main source of balance of payments data.

Table 28. Tonga: Disbursements of Official External Loans and Grants, 1993/94-1997/98 1/

(In millions of U.S. dollars; end of period)

Years ending June	1993/94	1994/95	1995/96	1996/97	1997/98 Est.
Total grants	22.5	26.8	15.1	14.3	28.5
Bilateral grants	17.5	23.5	13.1	6.8	15.7
Australia 2/	7.8	7.2	3.4	3.6	6.5
Canada	0.3	0.0	0.0	0.1	0.1
France	0.3	0.2	4.3	0.8	0.3
Germany	0.1	0.5	0.0	0.0	0.0
Japan	6.0	10.0	4.7	0.6	5.8
Netherlands	0.0	0.0	0.0	0.0	0.0
New Zealand	2.9	3.6	0.5	1.6	2.8
United States	0.2	0.6	0.0	0.0	0.0
United Kingdom	0.0	0.1	0.0	0.0	0.0
Other (Kuwait, Malaysia, India)	0.0	0.1	0.1	0.1	0.0
Multilateral grants	5.0	3.3	2.0	7.4	12.8
EU	3.1	1.9	1.0	5.0	10.1
UN agencies	1.5	1.0	0.9	1.1	2.0
Commonwealth Fund for Technical Cooperation	0.4	0.2	0.0	0.2	0.1
Others	0.0	0.2	0.1	1.1	0.6
Total official loans	3.9	7.9	6.1	3.3	7.2
Multilateral loans	3.9	7.9	5.2	3.3	7.2
Asian Development Bank	2.3	6.4	4.3	3.0	4.6
European Investment Bank	0.4	0.3	0.0	0.0	1.6
International Fund for Agricultural Development	0.7	0.7	0.9	0.3	0.5
International Development Agency	0.5	0.6	0.0	0.0	0.0
Caisse Francaise De Developpment					0.6
Commercial loans	--	--	--	--	--
Total foreign assistance	26.4	34.7	21.1	17.6	35.7

Source: Data provided by the Tongan authorities.

1/ Comprises all official external grants and loans at the donors' valuation. In contrast to the Tongan balance of payments and budget data, this measure captures all aid-in-kind, including services (e.g., education) given to Tongan residents in the donor country and technical assistance.

2/ Excludes defense aid.



Table 29. Tonga: External Debt and Debt Service, 1993/94-1997/98 1/

(In millions of U.S. dollars; end of period)

Years ending June	1993/94	1994/95	1995/96	1996/97	1997/98
Total external debt 2/	51.7	63.7	61.0	60.2	61.6
Bilateral	16.1	17.5	13.6	11.0	n.a.
United Kingdom	0.9	0.8	0.7	0.6	n.a.
Germany	15.2	16.7	12.9	10.4	n.a.
Multilateral	30.2	40.5	41.5	43.9	n.a.
Asian Development Bank	16.0	23.7	25.8	28.8	n.a.
European Investment Bank	5.8	6.4	5.3	4.5	n.a.
International Development Agency	3.9	4.9	4.5	4.5	n.a.
International Fund for Agricultural Development	4.4	5.5	5.9	6.2	n.a.
Caisse Francaise De Developpment					n.a.
Commercial loans	5.4	5.7	5.9	5.3	n.a.
Debt service	2.3	2.7	4.9	4.3	3.2
Amortization	1.5	2.1	4.1	3.3	2.5
Interest	0.8	0.6	0.8	1.1	0.7
Memorandum items:					
External debt/GDP (in percent)	34.1	38.2	33.6	32.9	35.7
Debt-service ratio (in percent of exports of goods)	14.1	15.7	37.6	33.5	28.1
Average interest rate	1.5	1.1	1.2	1.8	1.4
Amortization rate 3/	2.9	3.2	6.6	5.5	4.0

Source: Data provided by the Tongan authorities.

1/ Components may not add to totals because of rounding.

2/ Comprises government and government-guaranteed debt.

3/ Percent of outstanding stock of debt at the beginning of the year that was amortized during the year.





