



Papua New Guinea

Social and economic indicators
2000

Contents

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ISBN 0 642 45715 8

Published by the Australian Agency for International Development (AusAID), Canberra, March 2001

Table 1 Basic indicators of selected Pacific island and South-East Asian economies

	Area		Population		GNP per capita ^a		GNP
	Surface	Sea	Annual growth rate		Annual growth rate		1998
	'000 km ²	'000 km ²	1998	1990-98	1998	1990-98	
							US\$m
Pacific island countries							
Papua New Guinea	462.8	3 120	4 603	2.6	890	2.1	4 104
Fiji	18.3	1 146	790	1.0	2 210	0.5	1 748
Federated States of Micronesia	0.7	2 500	113	2.4	1 800	-2.5	204
Kiribati	0.7	3 550	86	2.5	1 170	2.0	101
Marshall Islands	0.2	1 942	62	4.2	1 540	-6.8	96
Solomon Islands	28.9	1 500	416	3.7	760	0.3	315
Tonga	0.7	543	99	0.4	1 750	1.2	173
Vanuatu	12.2	680	183	3.1	1 260	-2.9	231
Samoa	2.8	130	169	0.8	1 070	1.1	181
South-East Asian countries							
Indonesia	1 811.6	..	203 678	1.9	640	4.0	130 600
Thailand	510.9	..	61 201	1.4	2 160	4.4	131 916
Malaysia	328.6	549	22 180	2.8	3 670	4.8	81 311

^a GNP is calculated using the World Bank Atlas method, which adjusts the standard measure for recent changes to the exchange rate. .. Not available.

Sources: World Bank, *World Bank Atlas 2000*, Washington, DC, 2000; World Bank, *World Development Indicators*, Washington, DC, various issues; World Bank, *Pacific Island Economies: Building a Resilient Economic Base for the Twenty-First Century*, Washington, DC, 1995.

Table 2 Social indicators of selected Pacific island and South-East Asian economies

	Life expectancy at birth 1998	Infant mortality rate a 1998	Safe water access rate b 1990–96	Child malnutrition rate c 1992–98	Female labour force rate d 1998	Maternal mortality ratio reported 1990–98
	years	no.	%	%	%	%
Pacific island countries						
Papua New Guinea	58	59	28	30	42	370
Fiji	73	19	100	8	29	38
Federated States of Micronesia	67	28	100	..	..	..
Kiribati	61	58	100	..	..	..
Marshall Islands	..	..	77	..	..	..
Solomon Islands	71	22	..	..	47	550
Tonga	71	21	100	..	..	..
Vanuatu	65	36	87	..	..	..
Samoa	69	25	68	..	..	..
South-East Asian countries						
Indonesia	65	43	62	34	40	450
Thailand	72	29	89	..	46	44
Malaysia	72	8	89	20	37	39

a Deaths per 1000 births. b Proportion of population with access to safe water. c Proportion of children underweight in the most recent year for which data are available in the period. d Proportion of total labour force. .. Not available.

Sources: World Bank, *World Bank Atlas 2000*, Washington, DC, 2000; UNDP, *Human Development Report 2000*, Oxford University Press, New York, 2000.

Table 3 Social indicators of Papua New Guinea and low and middle human development economies

	Unit	Papua New Guinea		Low human development		Medium human development	
		1970	1998	1970	1998	1970	1998
Adult literacy rate	%	..	63.2	..	48.1	..	76.3
Total fertility rate ^a	no.	6.1	4.6	6.8	5.2	4.9	2.6
Infant mortality rate	no.	90	79	147	105	101	51
Under-5 mortality rate	no.	130	112	241	167	151	72
Female life expectancy at birth	years	..	59.1	..	51.9	..	68.9
Male life expectancy at birth	years	..	57.6	..	50.1	..	65.0
Total life expectancy at birth ^a	years	47.7	57.9	43.6	50.7	58.2	66.6
Annual population growth rate ^b	%	..	2.3	..	2.7	..	1.7
Urban population share ^c	%	11.9	16.8	15.5	27.8	29.6	41.7
Population aged 65 and above	%	..	3.0	..	3.0	..	5.7
Average annual rate of inflation ^d	%	..	7.1	..	..	..	..
GNP per capita	US\$	..	890	..	280	..	1 200
Annual growth in GNP per capita ^e	%	-1.0	2.1	-1.0	0.8	1.9	1.6

^a Average rate for 1970–75 and 1995–2000. ^b Growth rate for 1975–98. ^c First column is for 1975, not 1970. ^d Rate for 1990–98. ^e Average annual growth rates for 1975–90 and 1990–98. .. Not available.

Source: UNDP, *Human Development Report 2000*, Oxford University Press, New York, 2000.

Table 4 Gender comparisons in Papua New Guinea

	Unit	1998
Life expectancy at birth		
Female	years	59.1
Male	years	57.6
Female economic activity		
Rate	%	67.0
As a proportion of male rate	%	77.5
Women in government		
All levels	%	4.5
Ministerial levels	%	0
Sub-ministerial levels	%	7.9
Gender in education ^a		
Female primary enrolment		
Proportion of age group	%	72.5
Proportion of male rate	%	85.0
Female tertiary students		
Per 100 000 women	no.	209
As a proportion of male rate	%	50.0
Female adult literacy		
Age 15 and above	%	55.1
As a proportion of male rate	%	78.0

^a Data are for 1997, not 1998.

Source: UNDP, *Human Development Report 2000*, Oxford University Press, New York, 2000.

Table 5 Gross domestic product, by expenditure component, 1993–98

	1993	1994	1995	1996	1997	1998
	K million	K million	K million	K million	K million	K million
In current prices						
Consumption	3 244.9	3 241.1	3 459.4	4 745.3	5 480.1	6 100.9
Government consumption	1 199.3	1 001.4	1 005.8	1 369.9	1 361.3	1 406.6
Private consumption	2 045.6	2 239.7	2 453.6	3 375.4	4 118.8	4 694.3
Market component	1 475.9	1 663.9	1 803.4	2 659.6	3 252.6	3 744.2
Non-market component	569.7	575.7	650.2	715.9	866.1	950.1
Increase in stocks	-42.5	141.7	148.9	374.8	408.9	306.7
Gross fixed capital formation	900.8	1 012.0	1 150.3	1 185.6	1 079.4	1 088.6
Market component	887.4	998.3	1 136.3	1 171.3	1 064.8	1 073.7
Non-market component	13.4	13.7	14.0	14.3	14.6	14.9
Gross national expenditure	4 103.2	4 394.7	4 758.6	6 305.7	6 968.3	7 496.2
Market component	3 520.1	3 805.3	4 094.4	5 575.6	6 087.6	6 531.2
Non-market component	583.0	589.4	664.2	730.1	880.7	965.0
Exports	2 562.2	3 030.6	3 674.5	3 575.2	3 312.0	3 942.3
Imports	1 798.2	2 043.9	2 544.8	2 999.6	3 216.5	3 575.1
Gross domestic product	4 867.1	5 381.4	5 888.3	6 881.3	7 063.7	7 863.4
Market component	4 284.0	4 792.0	5 224.1	6 151.1	6 183.0	6 898.4
Non-market component	583.0	589.4	664.2	730.1	880.7	965.0
In 1983 prices						
Consumption	2 122.9	2 060.9	2 060.3	2 488.6	2 730.6	2 613.5
Government consumption	1 400.4	1 474.6	1 507.4	1 758.8	2 032.7	1 928.0
Private consumption	722.5	586.3	552.9	729.8	697.9	685.5
Market component	944.5	1 008.7	999.9	1 218.2	1 441.5	1 298.9
Non-market component	455.9	465.9	507.4	540.6	591.2	629.1
Increase in stocks	-32.1	104.1	93.2	210.2	220.7	145.7
Gross fixed capital formation	549.7	583.9	586.5	540.1	460.6	436.7
Market component	540.3	574.2	576.6	530.0	450.3	426.1
Non-market component	9.4	9.7	9.9	10.1	10.3	10.5
Gross national expenditure	2 640.5	2 748.8	2 740.0	3 238.8	3 411.9	3 195.9
Market component	2 175.2	2 273.2	2 222.7	2 688.1	2 810.4	2 556.2
Non-market component	465.3	475.6	517.3	550.7	601.5	639.6
Exports	1 744.2	1 917.6	1 855.4	1 742.5	1 457.3	1 539.4
Imports	919.7	995.5	1 046.0	1 157.4	1 194.6	1 199.2
Gross domestic product	3 465.1	3 671.0	3 549.4	3 823.9	3 674.6	3 536.1
Market component	2 999.8	3 195.4	3 032.1	3 273.2	3 073.1	2 896.5
Non-market component	465.3	475.6	517.3	550.7	601.5	639.6

Source: National Statistical Office, *National Income, Expenditure and Product 1993–1998*, NSO, Port Moresby, May 2000.

Table 6 Gross domestic product, by shares and growth rates of expenditure components, 1993–98

	1993	1994	1995	1996	1997	1998
	%	%	%	%	%	%
Share of gross domestic product						
Consumption	66.7	60.2	58.8	69.0	77.6	77.6
Government consumption	24.6	18.6	17.1	19.9	19.3	17.9
Private consumption	42.0	41.6	41.7	49.1	58.3	59.7
Market component	30.3	30.9	30.6	38.6	46.0	47.6
Non-market component	11.7	10.7	11.0	10.4	12.3	12.1
Gross fixed capital formation	18.5	18.8	19.5	17.2	15.3	13.8
Market component	18.2	18.6	19.3	17.0	15.1	13.7
Non-market component	0.3	0.3	0.2	0.2	0.2	0.2
Gross national expenditure	84.3	81.7	80.8	91.6	98.6	95.3
Market component	72.3	70.7	69.5	81.0	86.2	83.1
Non-market component	12.0	11.0	11.3	10.6	12.5	12.3
Exports	52.6	56.3	62.4	52.0	46.9	50.1
Imports	36.9	38.0	43.2	43.6	45.5	45.5
Gross domestic product	100.0	100.0	100.0	100.0	100.0	100.0
Market component	88.0	89.0	88.7	89.4	87.5	87.7
Non-market component	12.0	11.0	11.3	10.6	12.5	12.3
Real annual percentage change						
Consumption	..	-2.9	0.0	20.8	9.7	-4.3
Government consumption	..	5.3	2.2	16.7	15.6	-5.2
Private consumption	..	-18.9	-5.7	32.0	-4.4	-1.8
Market component	..	6.8	-0.9	21.8	18.3	-9.9
Non-market component	..	2.2	8.9	6.5	9.4	6.4
Gross fixed capital formation	..	6.2	0.4	-7.9	-14.7	-5.2
Market component	..	6.3	0.4	-8.1	-15.0	-5.4
Non-market component	..	3.2	2.1	2.0	2.0	1.9
Gross national expenditure	..	4.1	-0.3	18.2	5.3	-6.3
Market component	..	4.5	-2.2	20.9	4.5	-9.0
Non-market component	..	2.2	8.8	6.5	9.2	6.3
Exports	..	9.9	-3.2	-6.1	-16.4	5.6
Imports	..	8.2	5.1	10.7	3.2	0.4
Gross domestic product	..	5.9	-3.3	7.7	-3.9	-3.8
Market component	..	6.5	-5.1	8.0	-6.1	-5.7
Non-market component	..	2.2	8.8	6.5	9.2	6.3

.. Not available.

Source: Calculated from table 5.

Table 7 **Gross domestic product, by industry, 1993–99** In 1983 prices

	1993	1994	1995	1996	1997	1998	1999
	K million	K million	K million	K million	K million	K million	K million
Agriculture, forestry and fishing	1 003.5	1 071.1	1 070.0	1 188.0	1 211.6	1 042.0	1 076.7
Market component	558.8	616.6	574.2	659.3	632.5	425.4	441.5
Non-market component	444.8	454.5	495.8	528.7	579.1	616.7	635.2
Mining and quarrying	992.2	955.9	856.5	859.9	635.9	742.6	833.6
Manufacturing	248.5	270.6	272.3	314.5	330.6	339.8	329.8
Electricity, gas and water	39.4	42.1	42.6	44.9	45.1	48.7	51.1
Construction	113.4	139.4	115.6	198.1	163.8	158.8	130.7
Wholesale and retail trade	321.8	360.4	348.0	374.0	404.9	395.5	374.0
Transport, storage and communication	162.6	174.9	168.6	176.2	187.1	188.0	205.8
Finance, insurance, real estate and business services	112.1	118.1	122.7	130.9	136.1	141.3	145.5
Less Imputed bank service charge	83.0	85.9	90.0	94.0	97.6	101.3	104.0
Community, social and personal services	435.8	479.6	493.7	490.5	512.4	420.9	475.5
Total	3 346.4	3 526.1	3 399.1	3 682.5	3 530.0	3 376.4	3 518.6
Import duties ^a	120.2	146.2	151.5	142.5	145.7	160.8	168.4
Less subsidies ^a	1.5	1.3	1.2	1.1	1.0	1.0	1.0
Gross domestic product	3 465.1	3 671.0	3 549.4	3 823.9	3 674.6	3 536.1	3 686.0

^a The contributions to gross domestic product shown in preceding items do not include import duties or subsidies; these have not been allocated to individual producers.

Sources : National Statistical Office, *National Income, Expenditure and Product 1993–1998*, NSO, Port Moresby, May 2000; Department of Finance and Treasury.

Table 8 Industry contributions to GDP and growth rates, 1993–99

	1993	1994	1995	1996	1997	1998	1999
	%	%	%	%	%	%	%
Contribution to GDP							
Agriculture, forestry and fishing	29.0	29.2	30.1	31.1	33.0	29.5	29.2
Market component	16.1	16.8	16.2	17.2	17.2	12.0	12.0
Non-market component	12.8	12.4	14.0	13.8	15.8	17.4	17.2
Mining and quarrying	28.6	26.0	24.1	22.5	17.3	21.0	22.6
Manufacturing	7.2	7.4	7.7	8.2	9.0	9.6	8.9
Electricity, gas and water	1.1	1.1	1.2	1.2	1.2	1.4	1.4
Construction	3.3	3.8	3.3	5.2	4.5	4.5	3.5
Wholesale and retail trade	9.3	9.8	9.8	9.8	11.0	11.2	10.1
Transport, storage and communication	4.7	4.8	4.8	4.6	5.1	5.3	5.6
Finance, insurance, real estate and business services	3.2	3.2	3.5	3.4	3.7	4.0	3.9
Community, social and personal services	12.6	13.1	13.9	12.8	13.9	11.9	12.9
Gross domestic product	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Real annual growth rate							
Agriculture, forestry and fishing	..	6.7	-0.1	11.0	2.0	-14.0	3.3
Market component	..	10.3	-6.9	14.8	-4.1	-32.7	3.8
Non-market component	..	2.2	9.1	6.6	9.5	6.5	3.0
Mining and quarrying	..	-3.7	-10.4	0.4	-26.0	16.8	12.3
Manufacturing	..	8.9	0.6	15.5	5.1	2.8	-2.9
Electricity, gas and water	..	6.9	1.2	5.4	0.4	8.0	4.9
Construction	..	22.9	-17.1	71.4	-17.3	-3.1	-17.7
Wholesale and retail trade	..	12.0	-3.4	7.5	8.3	-2.3	-5.4
Transport, storage and communication	..	7.6	-3.6	4.5	6.2	0.5	9.5
Finance, insurance, real estate and business services	..	5.4	3.9	6.7	4.0	3.8	3.0
Community, social and personal services	..	10.1	2.9	-0.6	4.5	-17.9	13.0
Gross domestic product	..	5.9	-3.3	7.7	-3.9	-3.8	4.2

.. Not available.

Source Calculated from table 7.

Table 9 **Indexes of formal private employment, 1989–99** June 1989 = 100

	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Formal private employment	99.3	94.6	91.1	94.0	91.4	98.1	93.5	100.5	100.3	96.8	100.9
Employment by industry											
Retail	101.2	87.8	86.2	85.4	83.9	88.4	92.6	94.8	103.9	111.1	117.2
Wholesale	95.7	87.3	81.4	86.2	83.9	90.6	82.3	82.1	82.7	81.7	85.4
Manufacturing	98.5	94.8	95.2	101.9	103.7	120.1	110.2	114.7	119.2	123.1	129.0
Building and construction	106.2	106.8	81.5	76.6	73.6	77.8	69.6	89.4	85.8	72.0	69.7
Transport	105.6	111.5	104.4	94.1	90.7	95.2	89.6	96.5	99.0	96.4	91.4
Agriculture, forestry and fishing	95.7	89.0	89.2	97.4	95.1	101.0	87.4	91.3	83.3	74.5	78.7
Financial and business	103.5	109.2	103.3	104.6	104.3	102.3	111.0	116.1	127.3	135.6	146.9
Mining	101.0	100.7	99.8	107.3	106.4	104.9	112.2	116.2	116.7	136.0	137.6
Employment by region											
National Capital District	103.0	101.9	94.9	91.5	88.7	96.8	98.7	104.0	109.8	108.8	110.0
Lae	95.6	104.3	98.7	98.9	96.4	107.6	105.1	104.1	109.3	112.0	115.5
Islands	101.0	84.8	77.8	76.2	72.3	71.1	61.6	69.0	73.5	64.4	63.5
Highlands	96.0	83.4	91.8	114.7	113.1	125.0	126.3	139.8	106.0	108.2	114.6
Madang/Wewak	98.1	107.0	108.5	117.0	109.4	102.1	100.2	111.1	109.5	123.9	149.2
Other regions	99.1	86.7	83.3	81.8	92.4	105.5	89.5	96.7	103.0	88.5	100.3

Source: Bank of Papua New Guinea, *Quarterly Economic Bulletin*, Port Moresby, various quarters.

Table 10 Prices and wages, 1989–99

	Unit	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Consumer price index (1977 = 100)		206.4	220.7	236.1	246.3	258.5	265.9	311.9	348.1	361.9	411.0	472.4
Implicit GDP deflator (1983 = 100)		..	..	..	..	140.5	146.6	165.9	180.0	192.2	222.4	251.1
Minimum wages in current prices a												
Unskilled rural worker	K pw	20.13	20.78	22.00	23.03	..	..	..	..	..	..	..
Urban	K pw	53.96	55.71	59.10	61.78	..	..	..	..	..	..	..
Whole country	K pw	..	..	..	22.96	22.96	22.96	22.96	22.96	22.96	22.96	24.68
Real minimum wages (in 1989 prices) b												
Unskilled rural worker	K pw	20.13	19.43	19.23	19.30	..	..	..	..	..	..	..
Urban	K pw	53.96	52.10	51.67	51.77	..	..	..	..	..	..	..
Whole country	K pw	..	..	..	19.24	18.33	17.82	15.19	13.61	13.09	11.53	10.78
Annual percentage changes												
Consumer price index	%	4.5	6.9	7.0	4.3	5.0	2.9	17.3	11.6	4.0	13.6	14.9
Implicit GDP deflator	%	..	..	..	..	..	4.4	13.2	8.5	6.8	15.7	12.9
Minimum wages in current prices a												
Unskilled rural worker	%	5.2	3.2	5.9	4.7	..	..	..	..	..	..	..
Urban	%	5.1	3.2	6.1	4.5	..	..	..	..	..	..	..
Whole country	%	..	..	..	..	0.0	0.0	0.0	0.0	0.0	0.0	7.5
Real minimum wages (in 1989 prices) b												
Unskilled rural worker	%	0.6	-3.5	-1.0	0.3	..	..	..	..	..	..	..
Urban	%	0.6	-3.4	-0.8	0.2	..	..	..	..	..	..	..
Whole country	%	..	..	..	..	-4.7	-2.8	-14.7	-10.4	-3.8	-11.9	-6.5

a There was a break in the series in 1992. b Calculated using the consumer price index. .. Not applicable.

Source: Bank of Papua New Guinea, *Quarterly Economic Bulletin*, Port Moresby, various quarters.

Table 11 National government revenue, 1991–2002

	1991	1992	1993	1994	1995	1996	1997	1998	1999 (budgeted)	2000 (projected)	2001 (projected)	2002 (projected)
	K million	K million	K million	K million	K million	K million	K million	K million	K million	K million	K million	K million
In current prices												
Tax revenue	624.1	762.4	977.9	1 123.6	1 207.2	1 526.3	1 674.6	1 598.3	1 847.2	2 079.3	2 222.3	2 343.0
Taxes on income and profit	337.0	445.2	613.1	636.0	677.2	911.6	1 004.4	1 007.9	1 122.0	1 268.9	1 324.5	1 366.0
Individuals	206.2	235.5	188.9	193.7	257.8	317.3	367.7	448.8	494.7	560.0	593.9	623.6
Companies	89.9	92.0	109.6	109.4	99.0	118.0	150.1	185.5	218.0	245.0	267.6	279.4
Dividend withholding tax	15.9	24.3	24.1	26.9	27.9	33.6	34.1	42.5	40.9	45.0	48.0	51.0
MRSF taxes	0.0	66.9	260.0	272.4	256.7	405.4	390.0	240.6	235.3	280.0	270.0	260.0
Other direct	25.0	26.5	30.5	33.6	35.8	37.3	44.5	67.8	94.2	88.9	90.0	92.0
Gaming tax	0.0	0.0	0.0	0.0	0.0	0.0	18.0	22.7	38.9	50.0	55.0	60.0
Domestic taxes on goods and services	79.3	93.2	93.1	104.3	103.3	116.3	148.8	152.5	390.2	595.4	646.6	700.0
Excise duties	79.2	93.0	92.8	103.9	103.0	114.9	148.6	152.2	201.6	220.0	240.0	260.0
VAT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	165.0	340.0	370.8	404.1
Mining levy	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.0	34.7	35.0	35.0
Other indirect	0.1	0.3	0.3	0.4	0.3	1.4	0.3	0.3	0.6	0.7	0.8	0.9
Taxes on international trade	207.9	224.0	271.7	384.1	426.7	498.4	521.4	437.9	335.0	215.0	251.2	277.0
Import duty	189.5	197.9	197.8	247.3	293.8	341.2	372.0	397.8	270.0	135.0	150.0	165.6
Export duty	18.4	26.1	73.9	136.8	132.9	157.2	149.4	40.1	65.0	80.0	101.2	111.3
Non-tax revenue	187.3	166.7	149.2	158.6	277.6	201.3	215.2	279.5	212.0	245.1	212.7	229.9
Property income	99.1	82.8	74.7	84.6	165.0	116.3	102.7	149.2	86.4	91.4	45.0	55.0
Dividends	67.8	64.4	50.1	27.0	47.9	37.2	41.9	33.4	50.0	70.0	20.0	30.0
Other	18.0	2.6	11.0	49.0	92.0	60.3	0.0	50.0	0.0	0.0	0.0	0.0
MRSF dividends	5.8	7.1	7.6	4.0	0.0	0.0	17.3	13.7	21.4	21.4	20.0	20.0
MRSF other	7.5	8.7	6.0	5.0	25.1	18.8	43.5	52.1	15.0	0.0	5.0	5.0
Interest and fees from lending	20.1	20.3	9.9	4.8	3.5	3.0	1.6	3.0	4.6	4.7	5.0	5.0
Other non-tax revenue	68.1	63.7	64.6	69.2	109.0	82.0	110.8	127.3	106.8	149.0	162.7	169.9
Assets sales – retrenchments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.2	0.0	0.0	0.0
Total internal revenue	811.4	929.1	1 127.1	1 282.2	1 484.8	1 727.6	1 889.8	1 877.8	2 059.2	2 324.4	2 435.0	2 572.9
Foreign grants	214.8	196.3	181.6	163.3	236.7	170.1	312.0	470.3	517.6	542.3	459.0	459.0
Total revenue and grants	1 026.2	1 125.5	1 308.7	1 445.5	1 721.6	1 897.7	2 201.8	2 348.1	2 576.8	2 866.7	2 894.0	3 032.0
In 1991 prices ^a												
Tax revenue	624.1	730.8	893.2	997.7	913.8	1 035.2	1 092.5	918.1	923.2	..	..	..
Non-tax revenue	187.3	159.8	136.3	140.8	210.1	136.5	140.4	160.6	106.0	..	..	..
Total internal revenue	811.4	890.6	1 029.4	1 138.5	1 124.0	1 171.8	1 232.9	1 078.7	1 029.2	..	..	..
Foreign grants	214.8	188.2	165.9	145.0	179.2	115.4	203.5	270.2	258.7	..	..	..
Total revenue and grants	1 026.2	1 078.9	1 195.3	1 283.5	1 303.2	1 287.1	1 436.4	1 348.9	1 287.9	..	..	..

^a Calculated using the consumer price index. .. Not available.

Sources: Bank of Papua New Guinea, *Quarterly Economic Bulletin*, Port Moresby, various quarters; Government of Papua New Guinea, *Budget Papers*, vol. 1, *Economic and Development Policies*, various years.

Table 12 Composition of national government revenue, 1991–2002

	1991	1992	1993	1994	1995	1996	1997	1998	1999 (budgeted)	2000 (projected)	2001 (projected)	2002 (projected)
	%	%	%	%	%	%	%	%	%	%	%	%
Proportion of of total revenue and grants												
Tax revenue	60.8	67.7	74.7	77.7	70.1	80.4	76.1	68.1	71.7	72.5	76.8	77.3
Taxes on income and profit	32.8	39.6	46.8	44.0	39.3	48.0	45.6	42.9	43.5	44.3	45.8	45.1
Individuals	20.1	20.9	14.4	13.4	15.0	16.7	16.7	19.1	19.2	19.5	20.5	20.6
Companies	8.8	8.2	8.4	7.6	5.8	6.2	6.8	7.9	8.5	8.5	9.2	9.2
Dividend withholding tax	1.5	2.2	1.8	1.9	1.6	1.8	1.5	1.8	1.6	1.6	1.7	1.7
MRSF taxes	0.0	5.9	19.9	18.8	14.9	21.4	17.7	10.2	9.1	9.8	9.3	8.6
Other direct	2.4	2.4	2.3	2.3	2.1	2.0	2.0	2.9	3.7	3.1	3.1	3.0
Gaming tax	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.0	1.5	1.7	1.9	2.0
Domestic taxes on goods and services	7.7	8.3	7.1	7.2	6.0	6.1	6.8	6.5	15.1	20.8	22.3	23.1
Excise duties	7.7	8.3	7.1	7.2	6.0	6.1	6.7	6.5	7.8	7.7	8.3	8.6
VAT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.4	11.9	12.8	13.3
Mining levy	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.2	1.2	1.2
Other indirect	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Taxes on international trade	20.3	19.9	20.8	26.6	24.8	26.3	23.7	18.6	13.0	7.5	8.7	9.1
Import duty	18.5	17.6	15.1	17.1	17.1	18.0	16.9	16.9	10.5	4.7	5.2	5.5
Export duty	1.8	2.3	5.6	9.5	7.7	8.3	6.8	1.7	2.5	2.8	3.5	3.7
Non-tax revenue	18.3	14.8	11.4	11.0	16.1	10.6	9.8	11.9	8.2	8.5	7.3	7.6
Property income	9.7	7.4	5.7	5.9	9.6	6.1	4.7	6.4	3.4	3.2	1.6	1.8
Dividends	6.6	5.7	3.8	1.9	2.8	2.0	1.9	1.4	1.9	2.4	0.7	1.0
Other	1.8	0.2	0.8	3.4	5.3	3.2	0.0	2.1	0.0	0.0	0.0	0.0
MRSF dividends	0.6	0.6	0.6	0.3	0.0	1.0	0.8	0.6	0.8	0.7	0.7	0.7
MRSF other	0.7	0.8	0.5	0.3	1.5	1.0	2.0	2.2	0.6	0.0	0.2	0.2
Interest and fees from lending	2.0	1.8	0.8	0.3	0.2	0.2	0.1	0.1	0.2	0.2	0.2	0.2
Other non-tax revenue	6.6	5.7	4.9	4.8	6.3	4.3	5.0	5.4	4.1	5.2	5.6	5.6
Assets sales – retrenchments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0
Total internal revenue	79.1	82.5	86.1	88.7	86.2	91.0	85.8	80.0	79.9	81.1	84.1	84.9
Foreign grants	20.9	17.4	13.9	11.3	13.7	9.0	14.2	20.0	20.1	18.9	15.9	15.1
Total revenue and grants	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
As a percentage of GDP												
Tax revenue	..	..	20.1	20.9	20.5	22.2	23.7	20.3	20.0	..	..	..
Non-tax revenue	..	..	3.1	2.9	4.7	2.9	3.0	3.6	2.3	..	..	..
Foreign grants	..	..	3.7	3.0	4.0	2.5	4.4	6.0	5.6	..	..	..
Total internal revenue	..	..	23.2	23.8	25.2	25.1	26.8	23.9	22.2	..	..	..
Total revenue and grants	..	..	26.9	26.9	29.2	27.6	31.2	29.9	27.8	..	..	..

.. Not available.

Source Calculated from tables 5 and 11.

Table 13 National government expenditure by category, 1991–2002 In current prices

	1991	1992	1993	1994	1995	1996	1997	1998	1999 (budgeted)	2000 (projected)	2001 (projected)	2002 (projected)
	K million	K million	K million	K million								
Recurrent budget	..	..	..	..	1 524.3	1 608.0	1 819.7	1 888.7	2 037.7	2 077.4	1 976.8	1 963.5
National departments	..	..	..	..	781.6	720.1	820.1	861.5	952.8	1 069.7	997.4	1 012.6
Salaries and wages	..	..	..	..	334.4	345.9	367.3	383.0	427.9	492.6	507.4	522.6
Goods and services	..	..	..	..	447.2	374.2	452.8	478.5	407.9	477.1	490.0	490.0
Arrears payments	..	..	..	..	..	..	..	0.0	117.0	100.0	0.0	0.0
Provincial departments	..	..	..	..	346.1	525.0	584.7	559.6	573.5	517.1	536.4	547.8
Salaries and wages	..	..	..	..	256.1	258.3	288.0	306.5	369.4	358.6	374.0	381.3
Goods and services	..	..	..	..	78.8	76.6	72.8	122.3	93.5	93.5	95.8	98.2
Conditional grants	..	..	..	..	11.2	190.1	223.9	130.8	110.6	65.0	66.6	68.3
Transfers and loans to statutory institutions	..	..	..	..	126.7	112.2	120.4	135.3	118.1	118.1	100.0	90.0
Interest payments and fees	116.5	145.0	158.4	185.0	273.1	257.1	297.6	337.2	397.9	380.8	347.5	317.5
Net lending to commercial statutory authorities	7.0	-5.4	-0.3	-0.3	-3.2	-6.4	-3.1	-4.9	-4.6	-8.3	-4.5	-4.5
Development budget	..	..	..	..	230.7	252.8	372.6	586.5	711.4	903.4	869.0	889.0
Domestic funds	..	..	..	..	..	..	..	132.8	251.7	280.6	260.0	280.0
Project grants	..	..	..	..	..	..	..	356.8	388.4	529.1	459.0	459.0
Concessional Loans	..	..	..	..	..	..	..	96.9	71.3	93.7	150.0	150.0
One-off SAP payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	101.0	0.0	0.0
Total expenditure and net lending	1 187.8	1 358.3	1 605.0	1 570.4	1 755.0	1 860.8	2 192.2	2 475.2	2 749.1	3 081.8	2 845.9	2 852.5
Amortisation	260.4	112.6	139.2	197.0	266.4	172.0	247.7	239.5	1 259.8	404.9	398.5	511.3
Domestic	54.4	40.1	36.6	35.8	43.3	46.3	40.9	37.3	1 042.3	127.5	125.0	220.3
External	206.0	72.5	102.6	161.2	223.1	125.7	206.8	202.2	217.5	277.4	273.5	291.0
Loan repayments	9.4	13.4	6.5	4.2	3.2	6.4	3.1	4.9	4.6	8.3	8.0	8.0
Public sector reforms	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total payments	1 457.6	1 484.3	1 750.7	1 771.6	2 024.6	2 039.2	2 443.1	2 719.6	4 013.5	3 495.0	3 252.4	3 371.8

.. Not available.

Sources : Bank of Papua New Guinea, *Quarterly Economic Bulletin*, Port Moresby, various quarters; Government of Papua New Guinea, *Budget Papers*, vol. 1, *Economic and Development Policies*, various years.

Table 14 Selected areas of government expenditure, 1996–99 In current prices

	1996			1997			1998 (revised budget)			1999 (budget)		
	Recurrent	Development	Total	Recurrent	Development	Total	Recurrent	Development	Total	Recurrent	Development	Total
	K million	K million	K million	K million	K million	K million	K million	K million	K million	K million	K million	K million
Total health	88.9	3.5	92.4	94.6	34.3	128.9	103.0	74.6	177.6	108.5	78.4	186.9
<i>of which</i>												
Promotion and preventive health services	1.6	2.8	4.4	1.9	17.0	18.9	2.1	52.2	54.3	..	..	..
Curative services	9.9	0.6	10.5	9.7	5.4	15.1	12.3	6.9	19.2	..	..	..
Medical supplies	19.9	0.0	19.9	22.2	0.3	22.5	22.7	0.9	23.7	..	..	..
Total education	102.8	16.1	118.9	125.1	76.4	201.5	166.9	71.7	238.6	146.9	103.7	250.6
<i>of which</i>												
Primary and secondary education	27.8	6.0	33.8	34.7	26.6	61.3	74.2	41.5	115.7	..	..	..
Tertiary education	72.3	10.0	82.3	87.8	49.8	137.6	90	30.2	120.3	..	..	..
Training services	2.7	0.0	2.7	2.6	0.0	2.6	2.7	0.0	2.7	..	..	..
Total infrastructure	79.9	84.8	164.7	54.0	122.1	176.1	51.8	171.8	223.6	30.0	319.9	349.9
<i>of which</i>												
Construction and upgrading of national roads	0.0	1.1	1.1	0.0	82.1	82.1	0.0	94.5	94.5	..	..	..
Maintenance of national roads	42.4	0.0	42.4	16.1	0.0	16.1	0.0	34.0	34.0	..	..	..
Total law and order	151.8	4.0	155.8	166.6	27.6	194.2	161.7	36.2	197.9	127.0	26.7	153.7
<i>of which</i>												
Police forces services	85.4	2.5	87.9	100.7	21.0	121.7	94.7	19.5	114.2	..	..	..
Prison administration and operation	25.5	0.9	26.4	25.0	6.6	31.6	24.8	15.3	40.1	..	..	..
Total economic	74.9	39.8	114.1	73.5	38.0	111.5	79.7	73.9	153.5	51.8	56.9	108.7
<i>of which</i>												
Agriculture and renewables	41.7	30.1	71.8	40.4	18.6	59.0	44.1	31.1	75.2	..	..	..

.. Not available.

Sources: Government of Papua New Guinea, *Budget Papers*, vol. 1, *Economic and Development Policies*, various years.

Table 15 Financing of national government fiscal operations, 1991–2002

	1991	1992	1993	1994	1995	1996	1997	1998	1999 (budgeted)	2000 (projected)	2001 (projected)	2002 (projected)
	K million	K million	K million	K million	K million	K million	K million	K million	K million	K million	K million	K million
In current prices												
Total revenue and grants	1 026.2	1 125.5	1 308.7	1 445.5	1 721.6	1 897.7	2 201.8	2 348.1	2 576.8	2 866.7	2 894.0	3 032.0
Expenditure and net lending	1 187.8	1 358.3	1 605.0	1 570.4	1 755.0	1 860.8	2 192.2	2 475.2	2 749.1	3 081.8	2 845.9	2 852.5
Gross deficit (-) or surplus (+)	-161.5	-232.8	-296.3	-124.9	-33.0	36.2	9.8	-127.1	-172.3	-215.1	48.1	179.5
External financing	-59.1	39.4	51.7	-118.5	-43.6	10.1	-73.3	-105.3	184.1	342.6	-173.5	-191.0
Concessional financing	21.0	72.1	9.9	-11.0	-37.5	29.4	19.9	-24.8	9.5	-139.5	-142.5	-111.0
New borrowing	146.2	111.1	57.5	..	55.9	118.5	99.8	96.9	185.4	93.7	100.0	100.0
Less amortisation	-125.2	-39.0	-47.6	..	-93.4	-89.1	-79.9	-121.7	-175.9	-233.2	-242.5	-211.0
Commercial financing	-80.1	-32.7	41.8	-107.5	-129.7	-36.6	-126.9	-80.5	-41.6	-44.2	-31.0	-30.0
New borrowing	0.0	0.0	96.8	..	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Less amortisation	-80.1	-32.7	-55.0	..	-129.7	-36.6	-126.9	-80.5	-41.6	-44.2	-31.0	-30.0
External extraordinary financing	0.0	0.0	0.0	0.0	123.6	17.3	33.7	0.0	216.2	526.3	0.0	-50.0
Domestic financing	220.7	193.4	269.7	243.4	77.2	-47.1	63.7	228.0	-11.8	-127.5	125.4	30.2
Domestic market borrowing	..	..	243.1	97.5	79.9	331.9	256.8	205.9	-711.9	-127.5	-124.6	-219.8
MRSF net drawdown	..	..	26.5	74.3	-111.8	-229.4	-164.2	19.1	632.4	0.0	0.0	0.0
Asset sales financing	..	..	..	..	..	..	..	0.0	12.2	0.0	250.0	250.0
Other domestic financing	..	..	0.1	-58.0	57.2	-149.5	-28.9	3.0	55.5	0.0	0.0	0.0
Total financing	161.6	232.8	321.4	124.9	33.6	-37.0	-9.6	122.7	172.3	215.1	-48.1	-160.8
	%	%	%	%	%	%	%	%	%	%	%	%
As a proportion of GDP												
Total revenue and grants	..	..	26.9	26.9	29.2	27.6	31.2	29.9	27.8	..	..	..
Expenditure and net lending	..	..	33.0	29.2	29.8	27.0	31.0	31.5	29.7	..	..	..
Gross deficit (-) or surplus (+)	..	..	-6.1	-2.3	-0.6	0.5	0.1	-1.6	-1.9	..	..	..

.. Not available.

Source: Government of Papua New Guinea, *Budget Papers*, vol. 1, *Economic and Development Policies*, various years.

Table 16 Mineral Resources Stabilisation Fund, 1991–2002 In current prices

	1991	1992	1993	1994	1995	1996	1997	1998	1999 (budgeted)	2000 (projected)	2001 (projected)	2002 (projected)
	K million	K million	K million	K million								
Receipts	4.8	69.4	269.9	277.5	256.7	405.4	408.0	258.8	293.6	301.4	290.0	280.0
Company tax (mines & oil)	0.0	64.0	260.0	273.2	256.7	405.4	390.7	258.8	258.6	280.0	270.0	260.0
Dividend withholding tax (mines)	0.0	0.0	0.0	0.0	0.0	0.0	17.3	0.0	35.0	0.0	0.0	0.0
Dividends on govt equity (mines & oil)	4.8	5.4	9.9	4.3	0.0	0.0	0.0	0.0	0.0	21.4	20.0	20.0
Investment income	7.4	10.6	6.0	5.0	25.1	18.8	43.5	52.2	15.2	0.0	0.0	0.0
Total inflow	12.2	80.0	275.9	282.5	281.8	424.2	451.5	311.0	308.8	301.4	290.0	280.0
Payments to public account	0.0	86.7	251.3	213.2	170.0	194.7	286.6	330.1	986.1	301.4	290.0	280.0
Net change in balance	12.2	-6.7	24.6	69.3	111.8	229.4	164.9	-19.1	-677.3	0.0	0.0	0.0
End of year balance	103.0	96.3	120.9	190.2	302.0	531.4	696.4	677.3	0.0	0.0	0.0	0.0

Sources: Bank of Papua New Guinea, *Quarterly Economic Bulletin*, Port Moresby, various quarters; Government of Papua New Guinea, *Budget Papers*, vol. 1, *Economic and Development Policies*, 2000.

Table 17 Government debt outstanding, 1989–99

	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
	K million	K million	K million	K million	K million	K million	K million	K million	K million	K million	K million
In current prices											
Domestic debt	367.9	406.4	555.9	824.3	1 036.6	1 424.3	1 605.7	1 969.5	2 251.7	2 473.0	2 021.3
By creditor											
Bank of PNG	189.0	227.8	246.8	376.4	307.8	612.4	634.2	622.1	951.4	1 326.9	614.7
Commercial banks	106.3	115.3	227.1	363.2	497.5	432.9	755.7	1 132.4	1 062.4	819.7	806.7
Superannuation funds	47.3	43.5	67.5	69.1	72.7	121.4	102.2	80.8	86.7	85.7	114.0
Other financial institutions	18.2	18.2	13.3	14.4	34.8	63.6	56.0	75.4	76.7	101.2	240.0
Commodity stabilisation funds	5.1	-	-	-	120.0	193.6	-	-	-	-	-
Public authorities	-	-	-	-	-	-	-	-	-	-	-
Government-funded agencies	1.6	1.2	0.8	0.8	0.7	0.1	0.1	5.3	21.9	47.9	19.5
Other	0.4	0.4	0.4	0.4	3.0	0.5	57.4	53.5	52.6	91.7	226.5
By source											
Inscribed stock	299.9	329.0	389.3	472.9	444.8	416.2	388.2	354.2	320.1	286.1	246.1
Bank of PNG special loans	-	17.5	-	-	-	-	-	-	-	-	-
Treasury bills	68.0	60.0	166.6	351.5	591.8	1 008.1	1 217.5	1 615.3	1 931.6	2 186.9	1 775.2
External debt by source	843.1	1 063.7	1 010.8	1 120.8	1 283.4	1 536.9	1 718.5	1 811.3	2 166.3	2 704.6	3 812.8
International agencies	544.6	813.8	823.0	917.7	1 011.0	1 278.6	1 475.8	1 579.2	1 997.4	2 567.5	3 650.4
Commercial loans	277.5	227.9	167.7	188.4	259.8	242.8	227.9	219.6	157.1	124.1	144.6
Other loans	21.0	22.0	20.1	14.7	12.5	15.5	14.7	12.5	11.8	13.1	17.9
Total debt	1 211.0	1 470.1	1 566.7	1 945.1	2 320.0	2 961.2	3 324.2	3 780.8	4 418.0	5 177.6	5 834.2
	%	%	%	%	%	%	%	%	%	%	%
As a proportion of GDP											
Domestic debt	..	..	..	..	21.3	26.5	27.3	28.6	31.9	31.4	21.8
External debt	..	..	..	..	26.4	28.6	29.2	26.3	30.7	34.4	41.2
Total debt	..	..	..	..	47.7	55.0	56.5	54.9	62.5	65.8	63.0

.. Not available.

Source: Bank of Papua New Guinea, *Quarterly Economic Bulletin*, Port Moresby, various quarters.

Table 18 Balance of payments, 1991–2002

	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000 (projected)	2001 (projected)	2002 (projected)
	K million	K million	K million	K million	K million	K million	K million	K million	K million	K million	K million	K million
In current prices												
Balance on current account	-144	94	632	576	859	411	-167	124	367	756	-786	194
Trade balance	75	607	1 437	1 346	1 800	1 338	950	1 476	2 246	2 593	1 180	2 269
Merchandise exports	1 411	1 882	2 547	2 682	3 420	3 334	3 079	3 707	5 006	5 698	5 406	6 409
Merchandise imports	-1 337	-1 275	-1 110	-1 336	-1 620	-1 996	-2 129	-2 231	-2 760	-3 105	-4 225	-4 141
Services balance	-466	-699	-847	-781	-1 034	-1 022	-1 204	-1 539	-1 929	-1 883	-1 986	-2 088
Invisible credits	356	374	330	262	443	611	619	699	691	826	929	878
Invisible debits	-822	-1 073	-1 177	-1 043	-1 477	-1 633	-1 823	-2 238	-2 620	-2 709	-2 915	-2 965
Transfers	247	186	42	11	93	95	87	187	50	46	20	13
Net private transfers	-61	-60	-126	-150	-138	-70	-46	26	-19	33	20	13
Official transfers	308	246	168	161	231	165	133	161	69	13	0	0
Balance on capital account	60	-146	-701	-605	-596	58	30	-364	-170	-427	953	6
Official capital flows	-53	57	65	-107	-25	14	-89	-92	119	343	-118	-111
Private capital flows	174	-176	-675	-557	-193	-147	134	-189	-305	-770	1 071	117
Non-official monetary transactions	0	-34	-108	-11	-5	-46	-61	31	-6	0	0	0
Change in offshore accounts	-61	7	17	70	-373	237	46	-114	22	0	0	0
Net errors and omissions, revaluation	3	-16	-27	3	-19	-37	14	-23	-29	0	0	0
Revaluation		0	0	0	0	0	0	-13	-8	0	0	0
Overall balance	-81	-68	-96	-26	244	432	-123	-263	160	328	167	200
	%	%	%	%	%	%	%	%	%	%	%	%
As a proportion of GDP												
Balance on current account	..	..	13	11	15	6	-2	2	4	..	..	..
Balance on capital account	..	..	-14	-11	-10	1	0	-5	-2	..	..	..

.. Not available.

Sources: Bank of Papua New Guinea, *Quarterly Economic Bulletin*, Port Moresby, various quarters; Government of Papua New Guinea, *Budget Papers*, vol. 1, *Economic and Development Policies*, 2000.

Table 19 Export values by commodity, 1991–2002 In current fob prices

	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000 (projected)	2001 (projected)	2002 (projected)
	K million	K million	K million									
Minerals and oil	1 005.3	1 371.5	1 767.8	1 782.7	2 435.5	2 244.6	1 838.9	2 452.1	3 524.0	3 894.1	3 585.1	3 825.9
Gold	666.9	745.9	681.6	702.3	840.1	773.6	718.7	1 227.8	1 546.1	1 649.7	1 567.5	1 808.3
Copper	323.8	313.5	256.3	367.4	754.5	387.0	259.8	395.7	574.3	738.9	702.0	702.0
Silver	14.6	10.7	12.1	10.3	13.2	10.1	8.2	15.5	21.2	30.5	75.8	75.8
Oil	0.0	301.4	817.8	702.7	827.7	1 073.9	852.2	813.1	1 382.4	1 475.0	1 239.8	1 239.8
Agriculture	204.6	223.6	270.1	374.6	502.4	578.6	777.2	1 020.2	1 165.0	..	..	..
Coffee	79.5	68.1	100.5	204.8	214.5	190.3	325.9	476.4	417.1	434.7	425.0	438.0
Cocoa	34.0	34.1	33.1	29.0	47.7	66.2	73.3	81.7	84.6	115.0	115.3	121.0
Copra	5.2	11.8	14.2	14.7	27.4	49.0	47.2	38.8	66.5	68.0	68.4	72.0
Copra Oil	12.8	24.2	19.6	20.1	29.7	51.4	51.1	69.7	95.6	110.0	110.0	116.0
Palm Oil	52.5	64.2	79.2	77.5	142.2	182.4	207.1	271.9	337.9	405.8	409.0	430.0
Rubber	1.8	1.9	2.6	2.9	4.0	4.1	6.5	7.3	5.0	7.1	7.0	7.0
Tea	5.3	6.6	7.2	4.2	5.4	12.7	10.4	18.9	19.0	17.9	17.0	16.0
Other	13.5	12.7	13.7	21.4	31.5	22.5	55.7	55.5	139.1	..	..	..
Forestry	90.2	148.2	410.4	494.4	449.7	480.3	433.6	173.2	265.9	..	..	..
Logs	81.2	140.0	400.2	483.1	436.7	464.9	409.3	154.2	255.6	395.3	500.0	550.0
Other	90.4	119.3	79.0	10.3	12.3	10.4	9.6	42.2	30.4	..	..	..
Total	1 390.5	1 862.6	2 527.3	2 662.0	3 399.8	3 313.9	3 059.3	3 687.7	4 985.3	..	..	..

.. Not available.

Sources: Bank of Papua New Guinea, *Quarterly Economic Bulletin*, Port Moresby, various quarters; Government of Papua New Guinea, *Budget Papers*, vol. 1, *Economic and Development Policies*, 2000.

Table 20 **Export shares by commodity, 1991–99** Proportion of the total value of exports

	1991	1992	1993	1994	1995	1996	1997	1998	1999
	%	%	%	%	%	%	%	%	%
Minerals and oil	72	74	70	67	72	68	60	66	71
Gold	48	40	27	26	25	23	23	33	31
Copper	23	17	10	14	22	12	8	11	12
Silver	1	1	0	0	0	0	0	0	0
Oil	0	16	32	26	24	32	28	22	28
Agriculture	15	12	11	14	15	17	25	28	23
Coffee	6	4	4	8	6	6	11	13	8
Cocoa	2	2	1	1	1	2	2	2	2
Copra	0	1	1	1	1	1	2	1	1
Copra Oil	1	1	1	1	1	2	2	2	2
Palm Oil	4	3	3	3	4	6	7	7	7
Rubber	0	0	0	0	0	0	0	0	0
Tea	0	0	0	0	0	0	0	1	0
Other	1	1	1	1	1	1	2	2	3
Forestry	6	8	16	19	13	14	14	5	5
Logs	6	8	16	18	13	14	13	4	5
Other	7	6	3	0	0	0	0	1	1
Total	100	100	100	100	100	100	100	100	100

Source: Calculated from table 19.

Table 21 Export quantities by commodity, 1991–2002

	Unit	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000 (projected)	2001 (projected)	2002 (projected)
Minerals													
Gold	tonnes	57.8	67.0	59.3	55.8	55.2	46.9	44.3	58.2	63.0	65.0	65.0	75.0
Copper	'000 tonnes	192.4	187.9	192.2	207.2	215.7	127.7	77.8	109.5	143.9	170.0	170.0	170.0
Oil	'000 barrels	0.0	14 547.9	45 842.6	43 456.3	36 990.2	39 307.7	27 972.2	28 033.6	30 646.2	29 500.0	31 000.0	31 000.0
Agricultural													
Coffee	'000 tonnes	46.6	53.0	62.8	64.7	55.1	62.3	59.2	83.5	79.2	75.0	75.8	76.5
Cocoa	'000 tonnes	35.8	38.6	37.8	26.0	30.6	41.0	38.6	26.1	29.0	35.0	35.0	35.0
Copra	'000 tonnes	44.0	47.5	59.0	50.3	64.2	99.2	90.3	58.1	63.5	61.2	61.2	61.2
Copra oil	'000 tonnes	33.2	34.8	45.5	34.7	33.1	49.6	48.6	53.2	50.0	56.3	56.6	56.9
Palm oil	'000 tonnes	199.6	206.1	245.7	230.8	186.6	267.0	274.9	213.0	253.8	279.3	293.3	307.9
Rubber	'000 tonnes	2.8	2.7	3.6	3.4	2.7	2.8	4.4	4.9	3.7	4.0	4.1	4.1
Tea	'000 tonnes	4.7	5.6	6.4	3.4	4.2	9.3	6.5	6.6	8.2	7.0	7.0	7.0
Forestry													
Logs	'000 m ³	1 061.8	1 604.0	2 374.9	2 943.9	2 512.5	2 607.4	2 375.9	1 066.9	1 312.3	1 800.0	2 000.0	2 000.0
Marine products	'000 tonnes	1.8	1.5	2.8	4.7	5.7	2.8	2.2	10.0	2.7	..	..	..

.. Not available.

Sources: Bank of Papua New Guinea, *Quarterly Economic Bulletin*, Port Moresby, various quarters; Government of Papua New Guinea, *Budget Papers*, vol. 1, *Economic and Development Policies*, 2000.

Table 22 Prices of major exports, 1991–2002

	Unit	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000 (projected)	2001 (projected)	2002 (projected)
Gold	US\$/oz, cif	362	344	360	384	384	388	332	295	279	300	300	300
Copper	US\$/lb, cif	1.06	0.52	0.50	1.05	1.32	1.03	1.04	0.76	0.71	0.75	0.75	0.75
Oil	US\$/bbl	17.3	18.1	18.2	16.3	17.5	20.5	21.2	14.1	17.9	19.0	16.0	16.0
Coffee	K/tonne, fob	1 706	1 285	1 479	3 165	3 893	3 055	5 505	5 705	5 266	5 796	5 614	5 718
Cocoa	K/tonne, fob	950	882	859	1 115	1 559	1 615	1 899	3 130	2 917	3 293	3 286	3 450
Copra	K/tonne, fob	118	247	251	292	427	494	523	668	1 047	1 118	1 115	1 168
Copra Oil	K/tonne, fob	386	625	441	579	897	1 036	1 051	1 310	1 905	1 954	1 949	2 044
Palm Oil	K/tonne, fob	263	286	315	336	762	683	753	1 277	1 331	1 453	1 395	1 396
Rubber	K/tonne, fob	643	647	773	853	1 481	1 464	1 477	1 490	1 351	1 765	1 693	1 710
Logs	K/m ³ , fob	76	87	169	164	174	178	172	145	195	220	250	275

Sources: Bank of Papua New Guinea, *Quarterly Economic Bulletin*, Port Moresby, various quarters; Government of Papua New Guinea, *Budget Papers*, vol. 1, *Economic and Development Policies*, 2000.

Table 23 Exchange rates, 1989–99

	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Foreign currency units per kina											
A\$	1.47	1.36	1.38	1.47	1.51	1.0927	1.0176	0.9653	0.9365	0.7708	0.6086
US\$	1.16	1.05	1.05	1.01	1.02	0.8485	0.7545	0.7553	0.6971	0.4856	0.3922
Yen	166.87	141.36	131.91	126.09	113.93	84.71	76.79	82.17	84.23	63.43	44.74
DM	1.96	1.57	1.60	1.64	1.77	1.3178	1.0866	1.1369	1.2073	0.8564	0.3666
Sterling	0.72	0.55	0.56	0.67	0.69	0.5442	0.4899	0.4845	0.4264	0.2933	0.2426
SDR	0.88	0.74	0.73	0.74	0.79	0.5828	0.5079	0.5203	0.5065	0.3583	0.2898
Annual percentage change											
A\$	3.4	-7.1	1.5	6.4	2.5	-27.5	-6.9	-5.1	-3.0	-17.7	-21.0
US\$	-3.9	-9.6	-0.1	-3.5	0.6	-16.7	-11.1	0.1	-7.7	-30.3	-19.2
Yen	9.8	-15.3	-6.7	-4.4	-9.6	-25.6	-9.3	7.0	2.5	-24.7	-29.5
DM	-9.2	-20.1	1.9	2.3	8.1	-25.4	-17.5	4.6	6.2	-29.1	-57.2
Sterling	7.2	-24.8	3.2	19.1	2.9	-21.1	-10.0	-1.1	-12.0	-31.2	-17.3
SDR	-3.8	-15.4	-1.2	0.3	7.0	-26.0	-12.9	2.4	-2.7	-29.3	-19.1
Effective exchange rates (1995 = 100)											
Nominal	108.8	104.3	109.9	115.0	127.3	131.3	100.0	98.6	97.1	74.8	59.9
Real	130.2	115.6	119.8	119.7	124.5	117.7	100.0	107.6	108.3	92.4	84.6

Sources: Bank of Papua New Guinea, *Quarterly Economic Bulletin*, Port Moresby, various quarters; IMF, *International Financial Statistics*, various issues.

Table 24 **Monetary conditions, 1989–99**

	Unit	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Volume of money												
Narrow money (M1)	K million	352.2	353.3	458.3	509.1	527.5	571.3	645.9	864.9	919.5	1 021.3	1 233.7
Total money supply (M3) ^a	K million	1 268.3	1 334.4	1 505.9	1 647.9	1 812.5	1 860.1	2 068.0	2 736.8	3 101.1	3 212.3	3 500.3
Annual growth in the volume of money												
Narrow money (M1)	%	9.1	0.3	29.7	11.1	3.6	8.3	13.1	33.9	6.3	11.1	20.8
Total money supply (M3)	%	2.7	5.2	12.9	9.4	10.0	2.6	11.2	32.3	13.3	3.6	9.0
Interest rates												
Commercial bank loans	% pa	..	15.2	14.5	13.6	9.2	10.0	15.4	10.2	10.6	20.2	18.2
182-day Treasury bills	% pa	10.8	10.5	10.5	6.5	6.0	10.8	21.5	9.2	14.5	23.9	20.4
Commercial bank deposits	% pa	..	7.6	7.0	5.9	3.7	4.5	9.4	4.0	5.1	8.7	8.5
Liquid assets ratios (all commercial banks)												
Actual	%	13.6	15.0	13.5	19.2	28.9	31.7	43.9	54.8	43.6	34.4	34.9
Statutory minimum	%	12.0	11.0	11.0	11.0	11.0	26.0	32.0	27.0	20.0	0.0	25.0
International reserves												
Value	K million	342.4	377.9	309.0	244.0	137.9	112.2	357.4	789.1	666.9	390.9	550.8
Ratio to imports ^b	months	3.6	4.3	2.4	2.5	1.6	1.0	2.6	4.8	3.8	2.1	2.4
Ratio to non-mining imports ^b	months	4.1	5.0	3.8	3.2	2.0	1.2	3.4	6.3	4.8	2.7	3.2

^a The definition used in this table differs from that used in data presented prior to March 1994. ^b These ratios show the number of months of imports that the international reserves could purchase using the previous three months' imports as the base. .. Not available.

Source: Bank of Papua New Guinea, *Quarterly Economic Bulletin*, Port Moresby, various quarters.

Table 25 Total net official development assistance to Papua New Guinea, 1988–98 In 1997 prices

Donor	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
	US$m	US$m	US$m	US$m	US$m	US$m	US$m	US$m	US$m	US$m	US\$m
Australia	287.08	280.40	280.08	273.91	265.31	258.07	251.68	248.26	234.18	228.30	294.61
Austria	0.70	0.71	0.64	0.47	0.54	0.25	0.01	0.26	0.02	0.08	0.72
Belgium	0.13	0.15	0.21	0.13	0.31	0.30	0.01	0.01	0.03	0.06	0.05
Canada	0.13	0.31	0.12	0.08	0.06	0.03	0.00	0.03	0.04	0.09	0.15
Denmark	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.08	0.00	0.00	0.00
Finland	0.15	0.01	0.04	0.06	0.09	0.07	0.04	0.03	0.04	0.03	0.05
France	0.63	0.64	0.81	0.54	0.57	0.55	0.27	0.17	0.45	0.38	0.52
Germany	8.66	8.73	9.07	8.24	10.01	9.85	9.54	5.75	1.29	4.49	2.97
Ireland	0.02	0.00	0.03	0.02	0.01	0.01	0.02	0.02	0.00	0.04	0.08
Italy	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.13	0.00	0.00	0.00
Japan	46.96	47.63	47.03	47.25	90.91	24.68	18.07	35.37	86.55	49.21	50.95
Netherlands	0.57	0.51	0.51	0.58	0.59	0.97	0.81	1.29	1.19	1.45	1.27
New Zealand	3.23	4.40	3.16	4.27	3.82	4.85	4.28	5.51	5.32	6.58	7.63
Norway	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.03	0.03	0.25
Sweden	0.00	0.00	0.01	0.16	0.00	0.17	0.02	0.11	0.22	0.00	0.29
Switzerland	0.29	0.45	0.25	0.43	0.32	0.28	0.24	0.25	0.21	0.13	0.14
United Kingdom	17.44	10.30	6.52	3.26	1.89	-0.55	1.75	-0.18	0.00	0.00	0.00
United States	1.30	1.24	1.19	1.15	1.12	1.09	3.19	1.04	1.02	1.00	0.88
Total OECD	367.29	355.48	349.67	340.55	375.55	300.66	290.07	298.13	330.59	291.87	360.56
Total all donors	422.71	353.34	379.29	342.01	389.75	318.12	318.77	350.12	298.40	296.20	366.47

Source Data supplied by AusAID from the Development Assistance Committee (DAC) database.